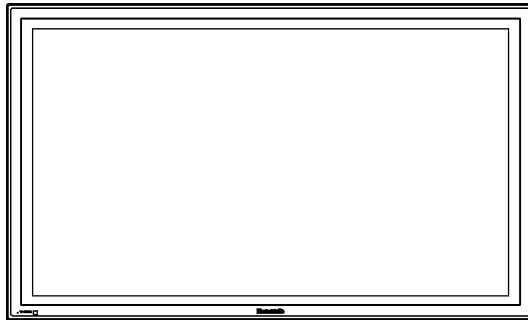


ORDER NO.PCZ0509084C2

High Definition Plasma Display
TH-50PHD8BK / TH-50PHD8BS / TH-50PHD8EK / TH-
50PHD8ES
GPH8D Chassis



SPECIFICATIONS

Specifications

Power Source	220 - 240 V AC, 50/60 Hz	
Power Consumption		
Normal use	395 W	
Stand-by condition	Save off 0.8 W, Save on 0.6 W	
Power off condition	0.3 W	
asma Display panel	Drive method: AC type 50-inch, 16:9 aspect ratio	
Contrast Ratio	3000:1	
reen size	1,106 mm (W) × 622 mm (H) × 1,269 mm (diagonal)	
(No. of pixels)	1,049,088 (1,366 (W) × 768 (H) [4,098 × 768 dots]	
erating condition		
Temperature	32 °F - 104 °F (0 °C - 40 °C)	
Humidity	20 % - 80 %	
pplicable signals		
Color System	NTSC, PAL, PAL60, SECAM, Modified NTSC	
Scanning format	525 (480) / 60i * 60p, 625 (575) / 50i * 50p, 750 (720) / 60p * 50p, 1125 (1080) / 60i * 50i * 24p * 25p * 30p 24sF SMPTE274M, 1250 (1080) / 50i	
PC signals	VGA, SVGA, XGA, SXGA, UXGA (compressed) Horizontal scanning frequency 15 - 110 kHz Vertical scanning frequency 48 - 120 Hz	
onnection terminals		
AV	VIDEO IN / OUT (BNC) S VIDEO IN (MINI DIN 4PIN) AUDIO IN (RCA PIN JACK × 2)	1.0 Vp-p (75-ohm or high impedance) Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm) 0.5 Vrms (high impedance)
PC	(HIGH-DENSITY Mini-D-SUB 15PIN)	R,G,B / 0.7 Vp-p (75-ohm) HD, VD / 1.0 - 5.0 Vp-p (high impedance) 0.5 Vrms (high impedance)
SERIAL	AUDIO IN (M3 JACK) EXTERNAL CONTROL TERMINAL (D-SUB 9PIN)	RS-232C COMPATIBLE
SPEAKERS (6 Ω)	16 W [8 W + 8 W] (10 % THD)	
ccessories Supplied		
Remote Control Transmitter	EUR7636070R or EUR7636090R	
Batteries	2 × R6 Size	
Fixing bands	(TMME203 or TMME187) × 2	
ensions (W × H × D)	1,210 mm × 724 mm × 95 mm (exclusive of protruding portion)	
ass (weight)		
main unit only	approx. 43.0 kg net	
with speakers	approx. 47.0 kg	

otes:

Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.
This equipment complies with the EMC standards listed below. EN55022, EN55024, EN61000-3-2, EN61000-3-3.

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1. Applicable signals

VIDEO input

	Signal name	Horizontal frequency(kHz)	Vertical frequency(Hz)
1	NTSC	15.73	59.94
2	PAL	15.63	50.00
3	PAL60	15.73	59.94
4	SECAM	15.63	50.00
5	Modified NTSC	15.73	59.94

Applicable input signals for Component / Mini D-sub 15P (Component) / RGB / Mini D-sub 15P (RGB) (* Mark)

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	Component / Mini D-sub 15P (Component)	RGB / Mini D-sub 15P (RGB)
1	525 (480) / 60i	15.73	59.94	*	*
2	525 (480) / 60p	31.47	59.94	*	*1
3	625 (575) / 50i	15.63	50.00	*	*
4	625 (575) / 50p	31.25	50.00	*	*
5	750 (720) / 60p	45.00	60.00	*	*
6	750 (720) / 50p	37.50	50.00	*	*
7	1,125 (1,080) / 60i	33.75	60.00	*	*
8	1,125 (1,080) / 50i	28.13	50.00	*	*
9	1,125 (1,080) / 24p	27.00	47.92	*	*
10	1,125 (1,080) / 24sF	33.75	30.00	*	*
11	1,125 (1,080) / 25p	28.13	25.00	*	*
12	1,125 (1,080) / 30p	27.00	24.00	*	*
13	1,250 (1,080) / 50i	31.25	50.00	*	*
14	640 × 400 @70 Hz	31.46	70.07		*
15	640 × 480 @60 Hz	31.47	59.94		*2
16	640 × 480 @72 Hz	37.86	72.81		*
17	640 × 480 @75 Hz	37.50	75.00		*
18	640 × 480 @85 Hz	43.27	85.01		*
19	852 × 480 @60 Hz	31.47	59.94		*2
20	800 × 600 @56 Hz	35.16	56.25		*
21	800 × 600 @60 Hz	37.88	60.32		*
22	800 × 600 @72 Hz	48.08	72.19		*
23	800 × 600 @75 Hz	46.88	75.00		*
24	800 × 600 @85 Hz	53.67	85.06		*
25	1,024 × 768 @60 Hz	48.36	60.00		*
26	1,024 × 768 @70 Hz	56.48	70.07		*
27	1,024 × 768 @75 Hz	60.02	75.03		*
28	1,024 × 768 @85 Hz	68.68	85.00		*
29	1,152 × 864 @75 Hz	67.50	75.00		*
30	1,280 × 960 @60 Hz	60.00	60.00		*
31	1,280 × 960 @85 Hz	85.94	85.00		*
32	1,280 × 1,024 @60 Hz	63.98	60.02		*
33	1,280 × 1,024 @75 Hz	79.98	75.03		*
34	1,280 × 1,024 @85 Hz	91.15	85.02		*
35	1,600 × 1,200 @60 Hz	75.00	60.00		*
36	1,600 × 1,200 @65 Hz	81.25	65.00		*
37	1,066 × 600 @60 Hz	37.88	60.32		*
38	1,366 × 768 @60 Hz	48.36	60.00		*
39	Macintosh13" (640 × 480)	35.00	66.67		*
40	Macintosh16" (832 × 624)	49.72	74.54		*
41	Macintosh21" (1,152 × 870)	68.68	75.06		*

*1: When selected the RGB format and 525p signal input to the Mini D-sub 15P terminal, it is recognized as VGA 60Hz signal.

*2: When inputted VGA 60Hz format signal from the other than Mini D-sub 15P terminal, it is recognized as 525p signal.

Note: Signals without above specification may not be displayed properly.

2. Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as

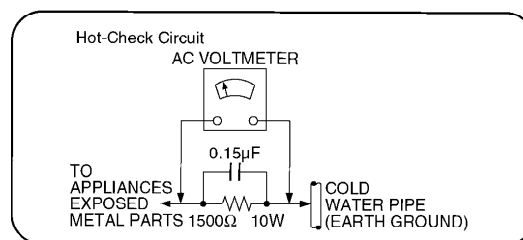
insulation barriers, insulation papers shields are properly installed.

3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $1\text{M } \Omega$ and $5.2\text{M } \Omega$. / When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

Figure 1



2.1.2. Leakage Current Hot Check (See [Figure 1](#) .)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a $1.5\text{k } \Omega$, 10 watts resistor, in parallel with a $0.15 \mu \text{ F}$ capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in [Figure 1](#) .
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A

leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.**
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.**
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.**
- 4. Use only an anti-static solder Remove device. Some solder Remove devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.**
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.**
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).**
- 7. Immediately before removing the protective material from the**

leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu). That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol



stamped on the back of PCB.

Caution

- Pb free solder has a higher melting point than standard solder.

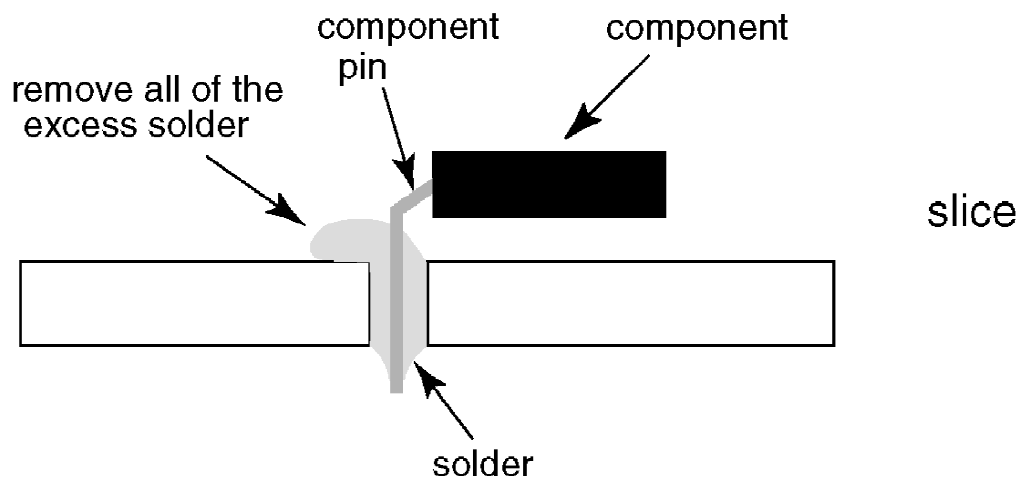
Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).

- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it

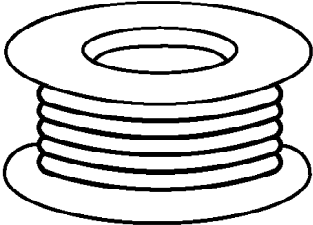
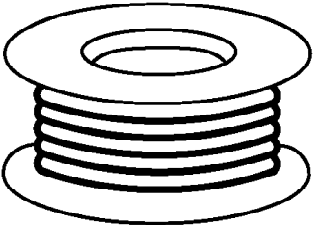
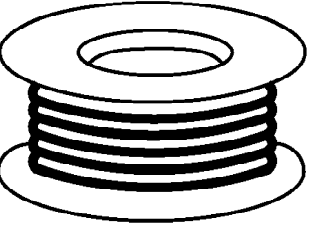
melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5. PCB Structure sheet of GPH8D chassis

Board Name	Function	Remarks
D	Digital Signal Processor, Format Coverter, Plasma Ai Processor	*1
J	Slot Interface (Audio/Video/Sync input Switch), SYNC processor, Audio processor, Speaker out amplifier, DC-DC converter	*1
SS	Sustain drive	*1
SC	Scan drive	*1
SU	Scan out (Upper)	*1
SD	Scan out (Lower)	*1
C1	Data Drive (Upper Right)	
C2	Data Drive (Upper Center)	
C3	Data Drive (Upper Left)	
C4	Data Drive (Lower Left)	
C5	Data Drive (Lower Center)	
C6	Data Drive (Lower Right)	
H3	Speaker terminal	
S1	Power switch	
SS2	Sustain out (Upper)	
SS3	Sustain out (Lower)	
V1	LED (stand-by / Power on) & Remote receiver	*1
V2	Key switch	*1
PB	Fan control	*1
P	Line filter, Power supply	*1
HX	PC / RS-232C	
HB	BNC Composite Video	

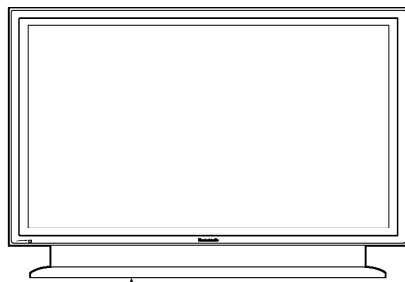
Remarks

***1: Recommend PCB's for initial service for GPH8D chassis.**

6. Service Hint

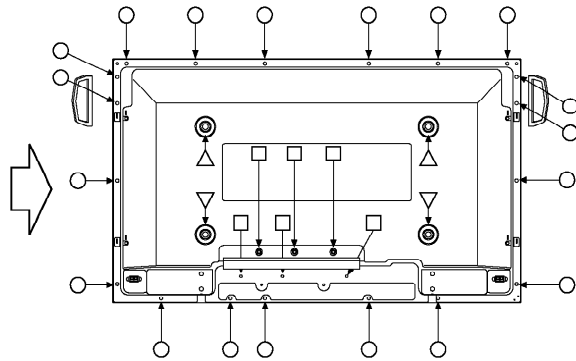
[How to set the plasma unit for servicing]

Place the plasma unit on the pedestal stand.
(Optional Accessory)

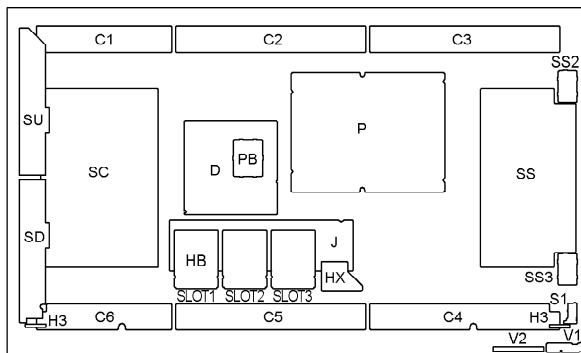


Pedestal Stand

Remove the Back Cover.



Remove : 4 screws (Δ) XYN8+F20FJK
6 screws (□) THEL0239
19 screws (○) XYC4+FJ35FJK



P.C.Boards Location

Note:

Extension cable kit for Slot Board is supplied as service fixtures and tools.
(Part No. TZSC0704)

7. Disassembly

- To Remove P.C.B. , wait for 1 minute after power was off for discharge from electrolysis capacitors.

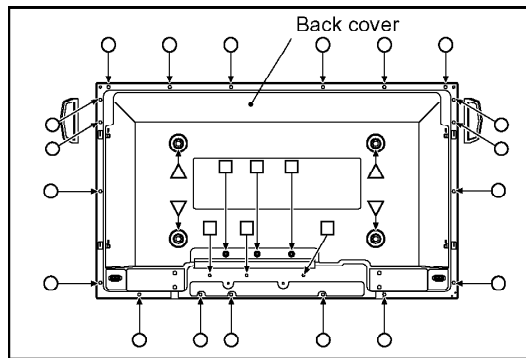
-  and  marks indicate screw positions.

7.1. Removal of the Back Cover

1. Remove the screws (×19
remove the Back Cover.



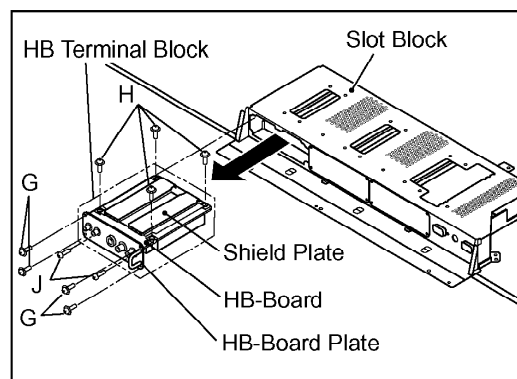
, ×6 , ×4) and then



7.2. Removal of the HB-Board

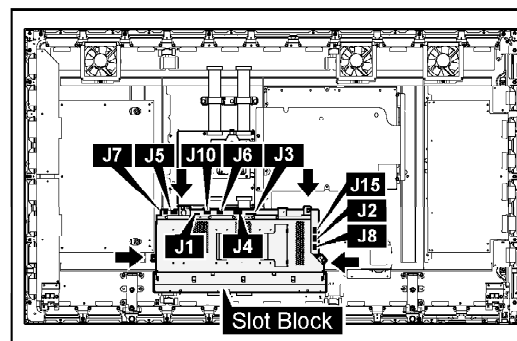
- Removal of the HB-Board

1. Remove the 4 screws (G) of the HB Terminal Block and then remove the HB Terminal Block.
2. Remove the 4 screws (H) of the Shield Plate.
3. Remove the 2 screws (J) of the HB-Board Plate and then remove the HB-Board.



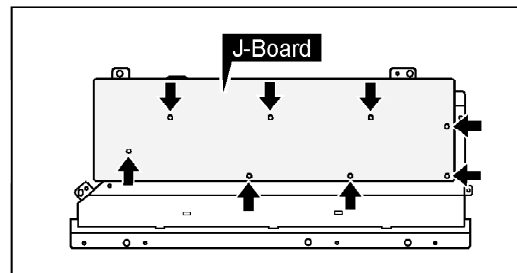
7.3. Removal of the Slot Block

1. Disconnect the couplers(J1, J2, J3, J4, J5, J6, J7, J8, J10, J15).
2. Remove the 4 screws and then remove the Slot Block.



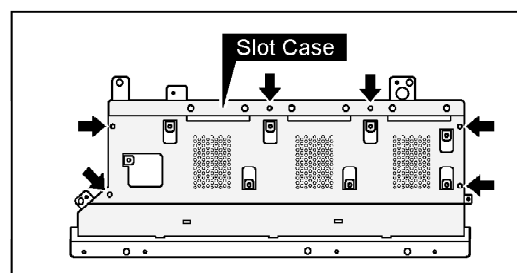
7.4. Removal of the J-Board

1. Remove the HA Terminal Block and the HB Terminal Block.
(Reference to remove of the HA-Board and remove of the HB-Board)
2. Remove the Slot Block.
(Reference to remove of the Slot Block)
3. Remove the 8 screws and then remove the J-Board.

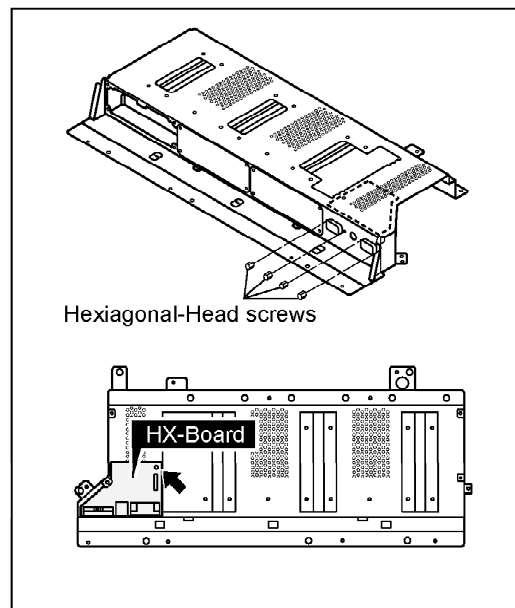


7.5. Removal of the HX-Board

1. Remove the HA Terminal Block and the HB Terminal Block.
(Reference to remove of the HA-Board and remove of the HB-Board)
2. Remove the Slot Block.
(Reference to remove of the Slot Block)
3. Remove the J-Board.
(Reference to remove of the J-Board)
4. Remove the 6 screws and then remove the Slot Case.

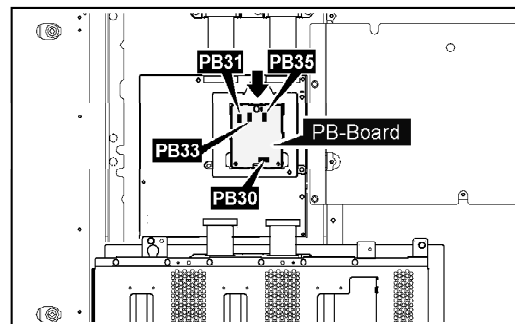


5. Remove the 4 Hexagonal-Head screws and the screw of the HX-Board and then remove the HX-Board.



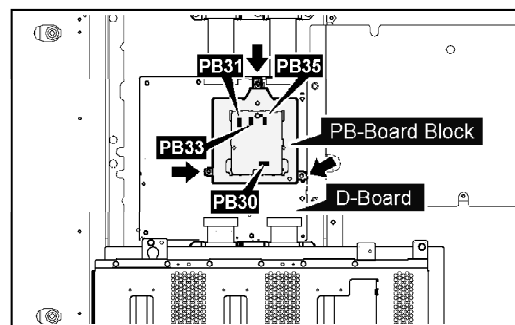
7.6. Removal of the PB-Board

1. Disconnect the couplers(PB30, PB31, PB33, PB35).
2. Remove the screw and then remove the PB-Board.

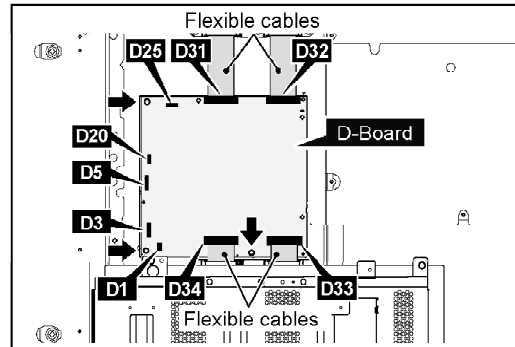


7.7. Removal of the D-Board

1. Disconnect the couplers(PB30, PB31, PB33, PB35).
2. Remove the 3 screws and then remove the PB-Board Block.

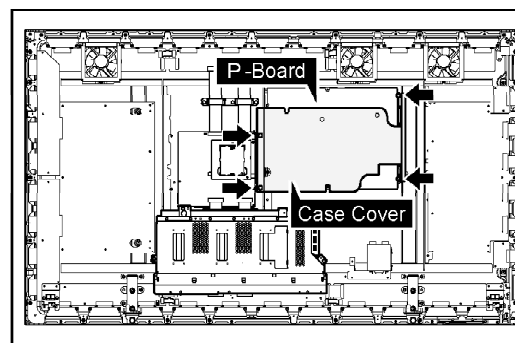


3. Disconnect the couplers(D1, D3, D5, D20, D25).
4. Disconnect the flexible cables(D31, D32, D33, D34).
5. Remove the 3 screws and then remove the D-Board.

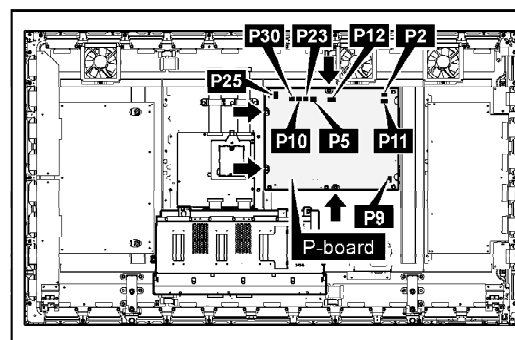


7.8. Removal of the P-Board

1. Remove the 4 screws and then remove the Case Cover.

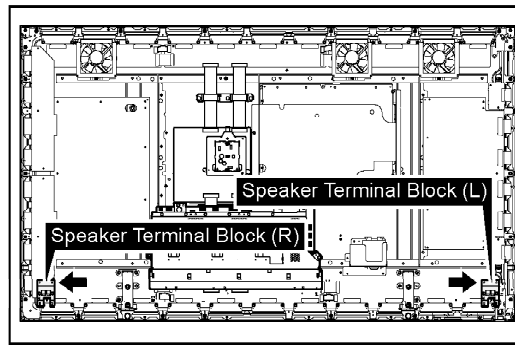


2. Disconnect the couplers(P2, P5, P9, P10, P11, P12, P23, P25, P30).
3. Remove the 4 screws and then remove the P-Board.

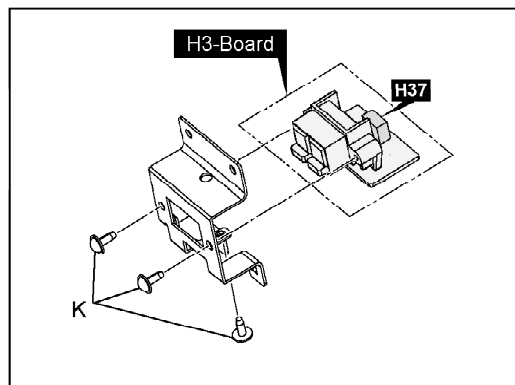


7.9. Removal of the H3-Board

1. Remove the each 1 screw and then remove the Speaker Terminal Blocks(L, R).

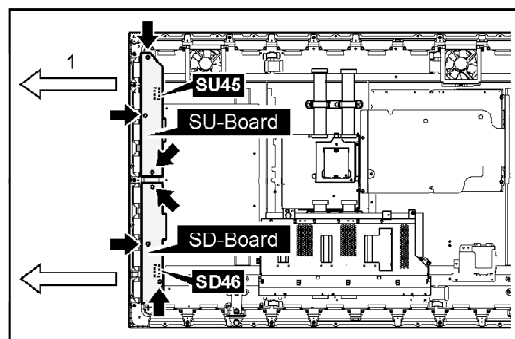


2. Disconnect the coupler (H37).
3. Remove the 3 screws(D) and then remove the H3-Board.



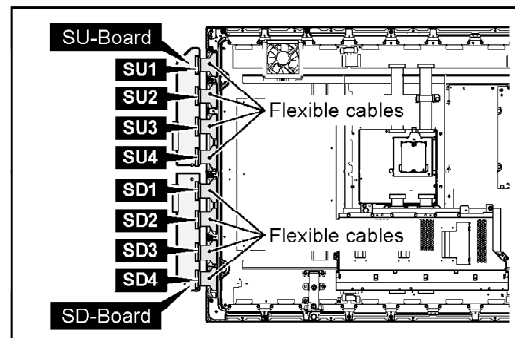
7.10. Removal of the SU-Board and the SD-Board

1. Remove the Speaker Terminal Block(R).
(Reference to remove of the Speaker Terminal Block(R)).
2. Disconnect the couplers(SU45, SD46).
3. Remove the each 3 screws.
4. Slide the SU-Board and the SD-Board to the left(arrow1).



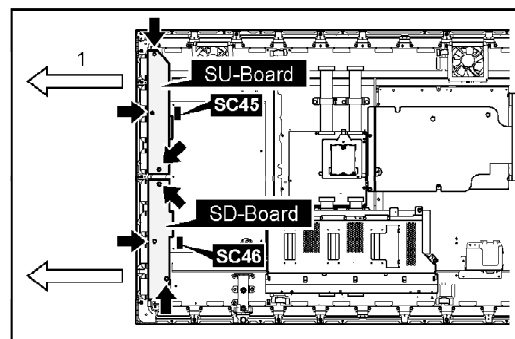
5. Disconnect the flexible cables(SU1, SU2, SU3, SU4) and then remove the SU-Board.

6. Disconnect the flexible cables(SD1, SD2, SD3, SD4) and then remove the SD-Board.

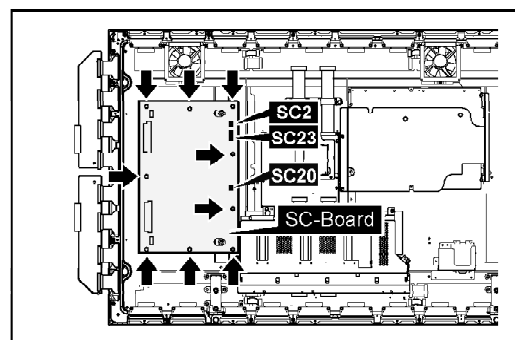


7.11. Removal of the SC-Board

1. Remove the Speaker Terminal Block(R).
(Reference to remove of the Speaker Terminal Block(R)).
2. Disconnect the couplers(SC45, SC46).
3. Remove the each 3 screws.
4. Slide the SU-Board and the SD-Board to the left(arrow1).
(Reference to remove of the SU-Board and the SD-Board)

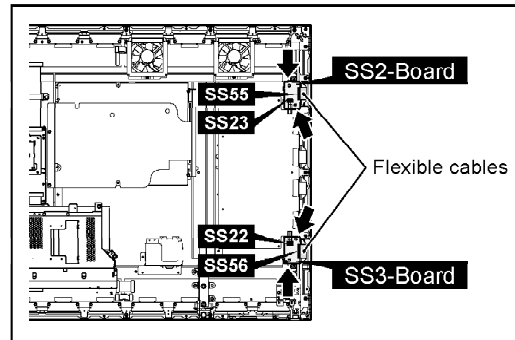


5. Disconnect the couplers(SC2, SC20, SC23).
6. Remove the 9 screws and then remove the SC-Board.



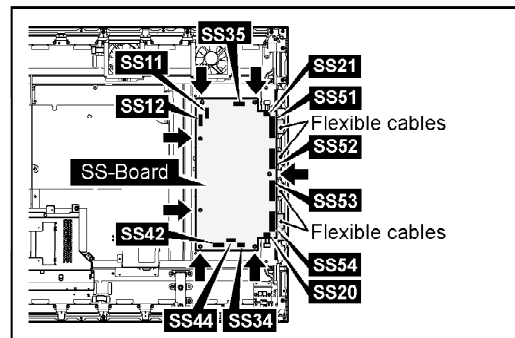
7.12. Removal of the SS2-Board and the SS3-Board

1. Disconnect the couplers(SS22, SS23).
2. Disconnect the flexible cables(SS55, SS56).
3. Remove the each 2 screws and then remove the SS2-Board and the SS3-Board.



7.13. Removal of the SS-Board

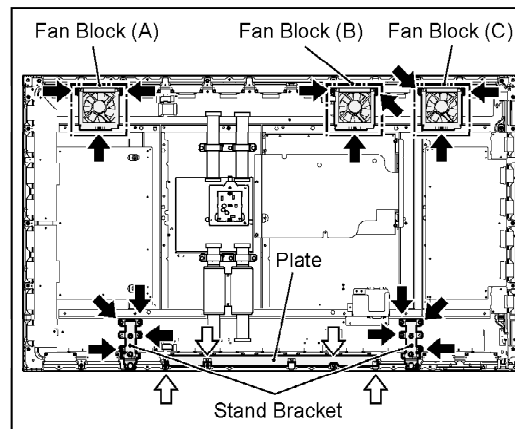
1. Disconnect the couplers(SS11, SS12, SS20, SS21, SS34, SS35, SS42, SS44).
2. Disconnect the flexible cables(SS51, SS52, SS53, SS54).
3. Remove the 7 screws and then remove the SS-Board.



7.14. Removal of the C1, C2, C3, C4, C5 and the C6-Board

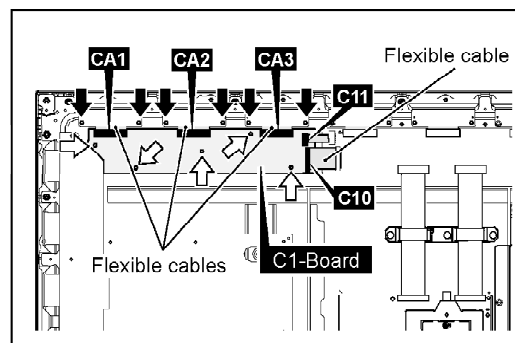
1. Remove the Slot Block.
(Reference to remove of the Slot Block).
2. Remove the Speaker Terminal Block(L, R).
(Refernce to remove of the Speaker Terminal Block(L, R)).
3. Remove the each 4 screws and then remove the Stand Blocks(L, R).

4. Remove the each 3 screws and then remove the 3 Fan Blocks.
5. Remove the 4 screws and then remove the Plate.



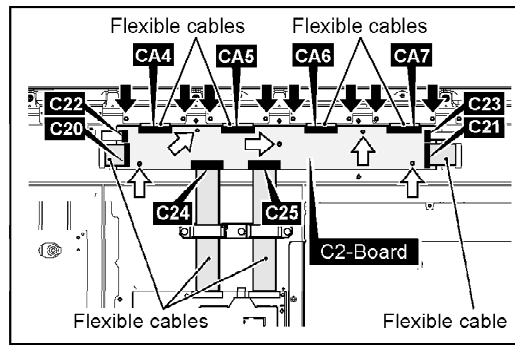
7.14.1. Removal of the C1-Board

1. Disconnect the flexible cable(C10).
2. Disconnect the coupler(C11).
3. Remove the 6 screws and then disconnect the flexible cables(CA1, CA2, CA3).
4. Remove the 5 screws and then remove the C1-Board.



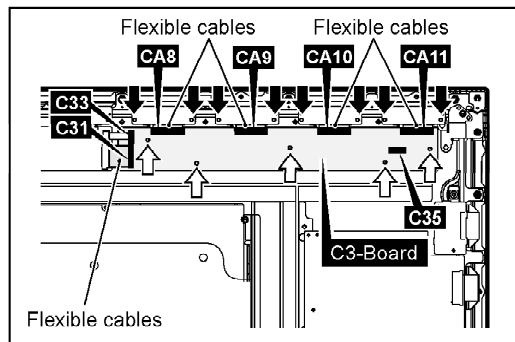
7.14.2. Removal of the C2-Board

1. Disconnect the flexible cables(C20, C21, C24, C25).
2. Disconnect the couplers(C22, C23).
3. Remove the 8 screws and then disconnect the flexible cables(CA4, CA5, CA6, CA7).
4. Remove the 5 screws and then remove the C2-Board.



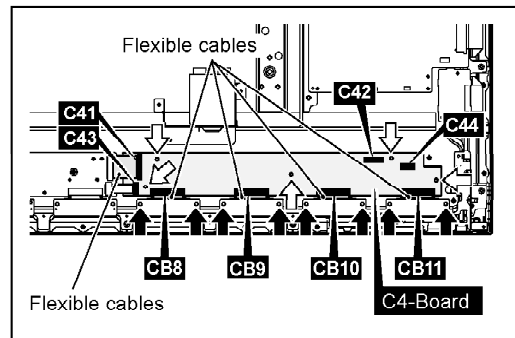
7.14.3. Removal of the C3-Board

1. Disconnect the flexible cable(C31).
2. Disconnect the couplers(C33, C35).
3. Remove the 8 screws and then disconnect the flexible cables(CA8, CA9, CA10, CA11).
4. Remove the 5 screws and then remove the C3-Board.



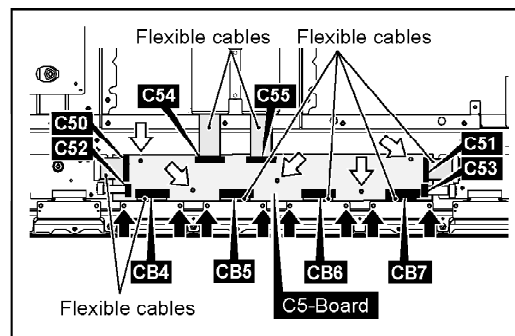
7.14.4. Removal of the C4-Board

1. Disconnect the flexible cable(C41).
2. Disconnect the couplers(C42, C43, C44).
3. Remove the 8 screws and then disconnect the flexible cables(CB8, CB9, CB10, CB11).
4. Remove the 5 screws and then remove the C4-Board.



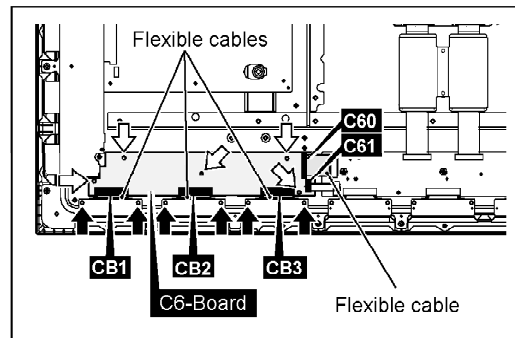
7.14.5. Removal of the C5-Board

1. Disconnect the flexible cables (C50, C51, C54, C55).
2. Disconnect the couplers(C52,C53).
3. Remove the 8 screws and then disconnect the flexible cables(CB4, CB5, CB6, CB7).
4. Remove the 5 screws and then remove the C5-Board.



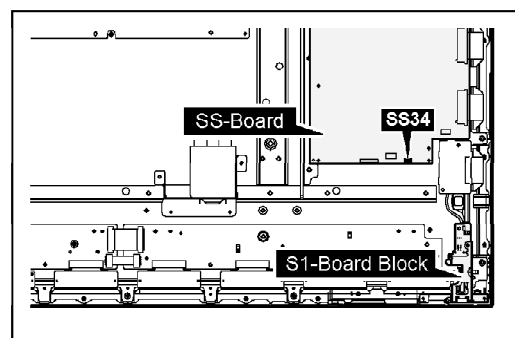
7.14.6. Removal of the C6-Board

1. Disconnect the flexible cable(C60).
2. Disconnect the coupler(C61).
3. Remove the 6 screws and then disconnect the flexible cables(CB1, CB2, CB3).
4. Remove the 5 screws and then remove the C6-Board.



7.15. Removal of the S1-Board

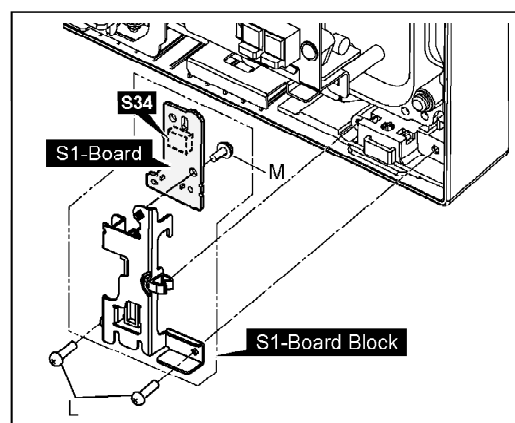
1. Disconnect the coupler (SS34).



2. Remove the 2 screws(L) and then remove the S1-Board Block.

3. Disconnect the coupler(S34).

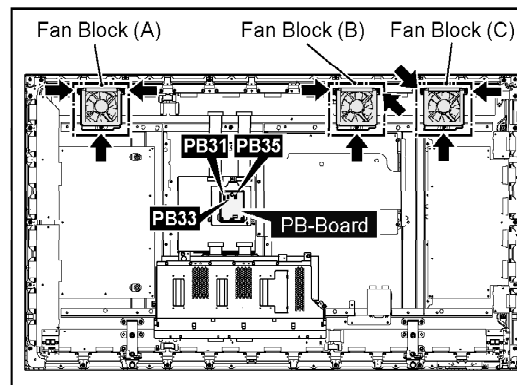
4. Remove the 1 screw(M) and then remove the S1-Board.



7.16. Removal of the Fan

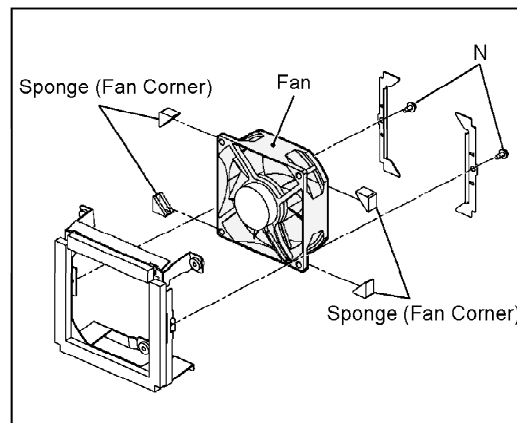
1. Disconnect the couplers(PB31, PB33, PB35).

2. Remove the each 3 screws and then remove the Fan Blocks(A, B, C).



3. Remove the each 2 screws(N) and then remove the 3 Fans.

4. Remove the each 4 sponge(Fan Corner) and then remove the 3 Fans.

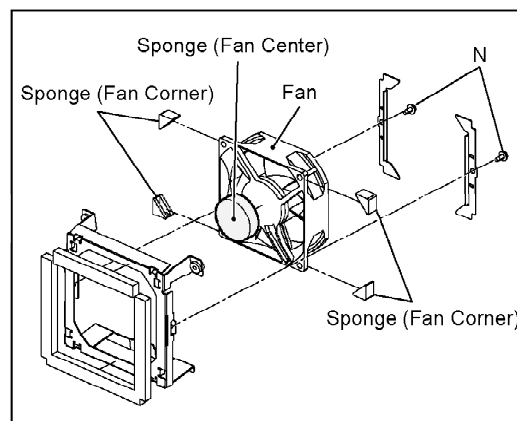


5. Reassemble the Fans in reverse order (4-1) and then stick the Sponge(Fan center) on the central part of the Fan.

Note:

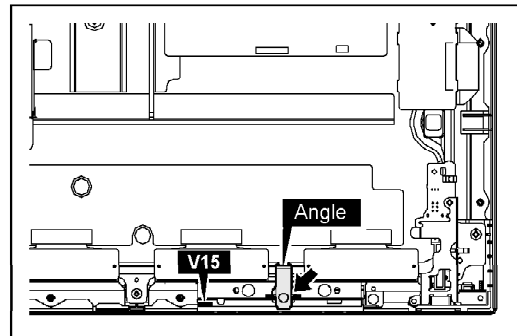
The Sponge(Fan center) is unsuitable to reuse.

Please use a new one at the time of Fan remove.

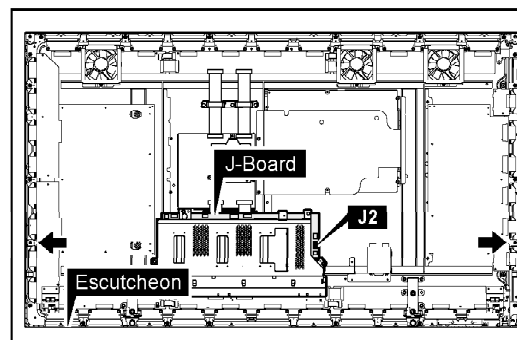


7.17. Removal of the Escutcheon

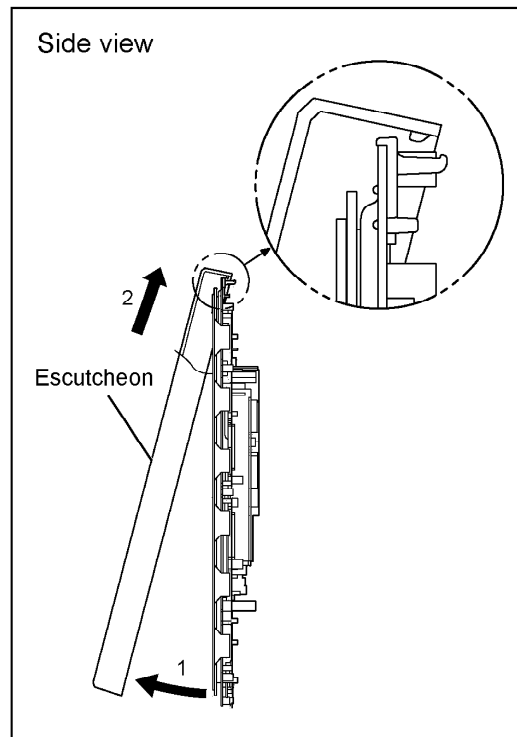
1. Remove the S1-Board Block.
(Reference to remove of the S1-Board Block).
2. Disconnect the couplers(V15).
3. Remove the screw and then remove the Angle.



4. Remove the coupler(J2) and then remove the 2 screws.

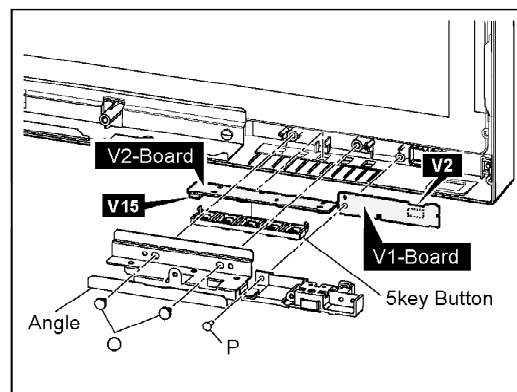


5. Pull the bottom of the Escutcheon forward. (arrow1)
6. Lift up the Escutcheon to remove.(arrow2)



7.18. Removal of the V1-Board and V2-Board

1. Operate procedure 1 to 4 of the Escutcheon remove.
2. Remove the 2 screws(N) and then remove the Angle.
3. Remove the screw(O).
4. Remove the 5key Button.
5. disconnect the coupler(V15) and then remove the V2-Board.
6. Disconnect the coupler(V2) and then remove the V1-Board.



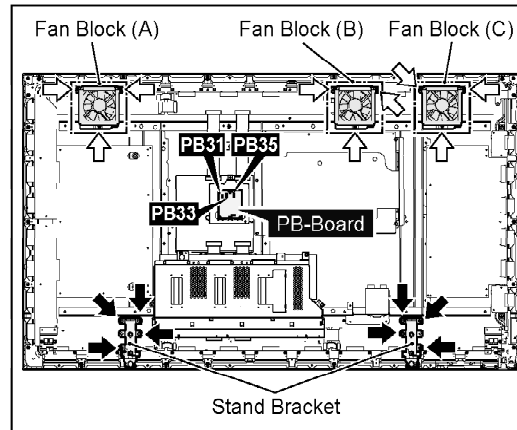
7.19. Removal of the Plasma Panel

1. Remove the each 4 screws and then remove the Stand

Brackets(L, R).

2. Disconnect the couplers(PB31, PB33, PB35).

3. Remove the each 3 screws and then remove the Fan Blocks(A, B, C).



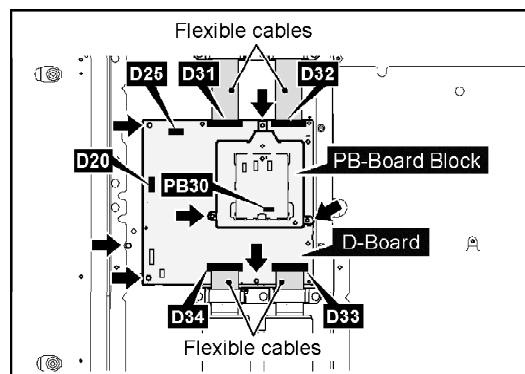
4. Remove the Slot Block.

(Reference to remove of the Slot Block).

5. Disconnect the couplers(D20, D25, PB30).

6. Disconnect the flexible cables(D31, D32, D33, D34).

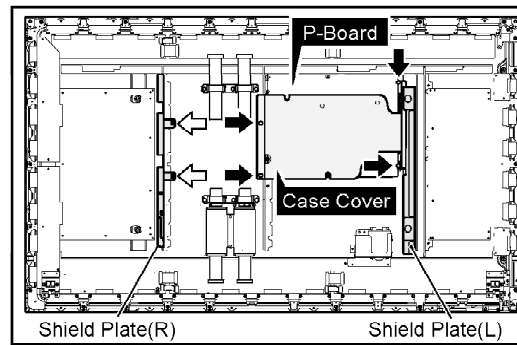
7. Remove the 7 screws and then remove the PB-Board Block and D-Board.



8. Remove the 2 screws and then remove the Shield Plate(R).

9. Remove the Shield Plate(L).

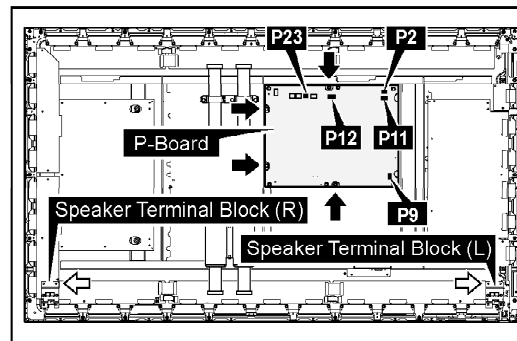
10. Remove the 4 screws and then remove the Case Cover.



11. Disconnect the couplers(P2, P9, P11, P12, P23).

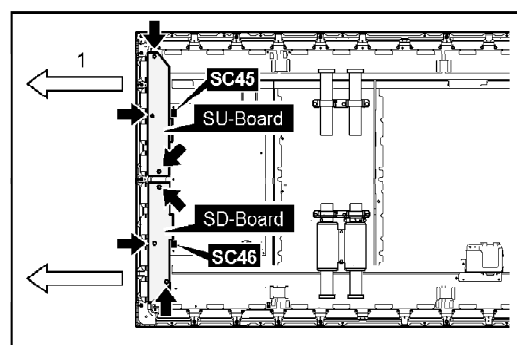
12. Remove the 4 screws and then remove the P-Board.

13. Remove the each screw and then remove the Speaker Terminal Block(L, R).

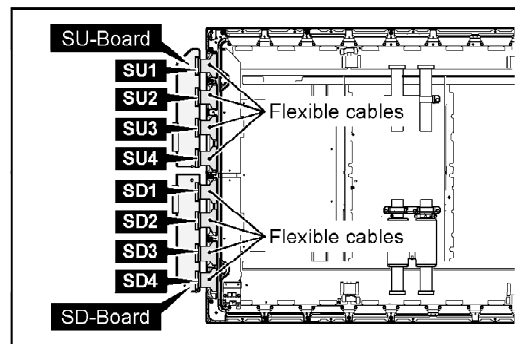


14. Disconnect the couplers(SC45, SC46).

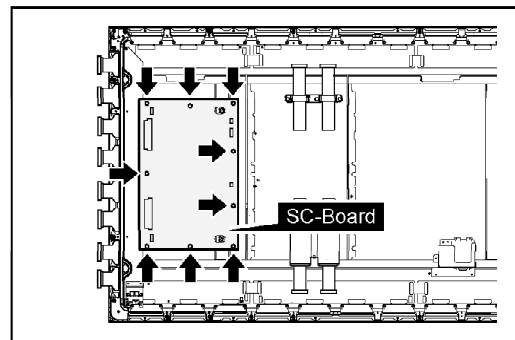
15. Remove the each 3 screws and then slide the SU-Board and the SD-Board to the left(arrow1).



16. Disconnect the flexible cables (SU1, SU2, SU3, SU4, SD1, SD2, SD3, SD4) and then remove the SU-Board and the SD-Board.



17. Remove the 9 screws and then remove the SC-Board.



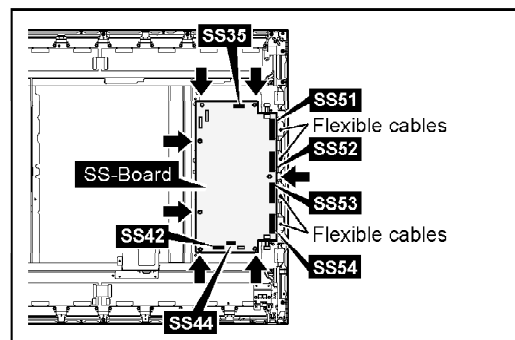
18. Remove the SS2-Board and the SS3-Board.

(Reference to remove of the SS2-Board and the SS3-Board).

19. Disconnect the couplers(SS35, SS42, SS44).

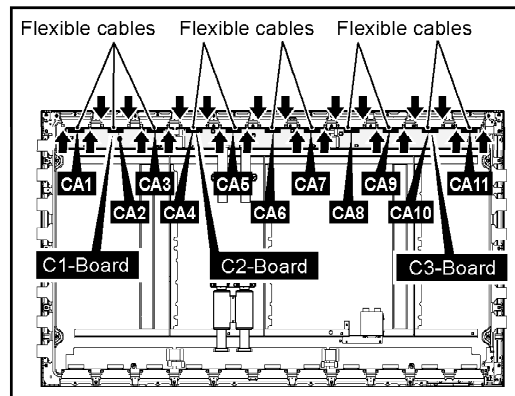
20. Disconnect the flexible cables(SS51, SS52, SS53, SS54).

21. Remove the 7 screws and then remove the SS-Board.



22. Remove the 22 screws.

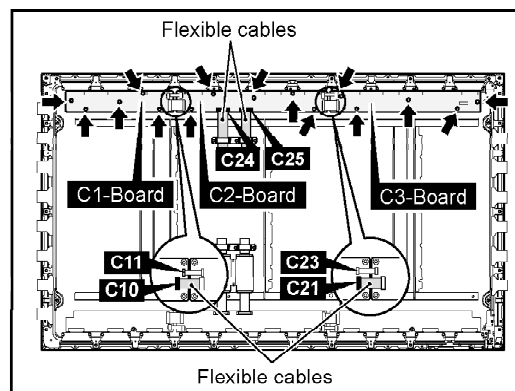
23. Disconnect the flexible cables(CA1, CA2, CA3, CA4, CA5, CA6, CA7, CA8, CA9, CA10, CA11).



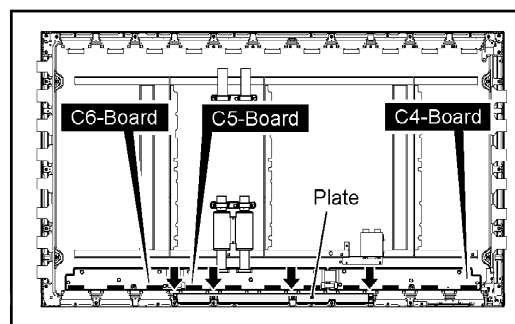
24. Disconnect the couplers(C11, C23).

25. Disconnect the flexible cables(C10, C21, C24, C25).

26. Remove the each 5 screws and then remove the C1-Board, the C2-Board and the C3-Board.

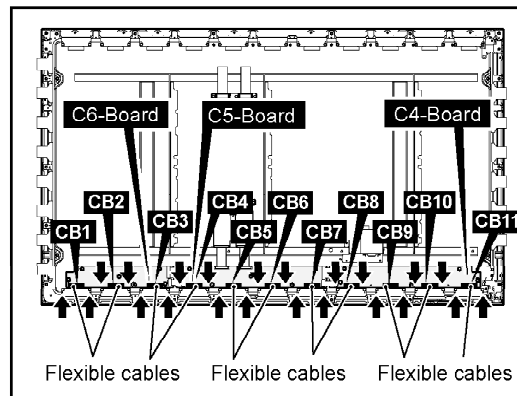


27. Remove the 4 screws and then remove the Plate.



28. Remove the 22 screws.

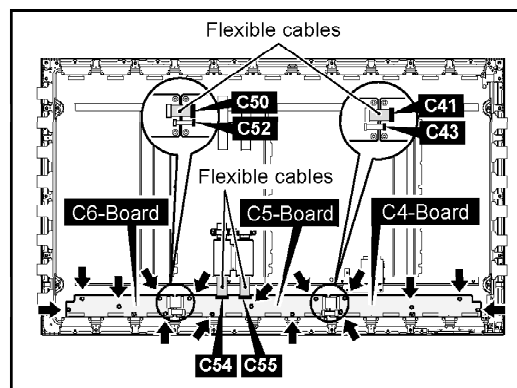
29. Disconnect the flexible cables(CB1, CB2, CB3, CB4, CB5, CB6, CB7, CB8, CB9, CB10, CB11).



30. Disconnect the couplers(C43, C52).

31. Disconnect the flexible cables(C41, C50, C54, C55).

32. Remove the each 5 screws and then remove the C4-Board, the C5-Board and the C6-Board.

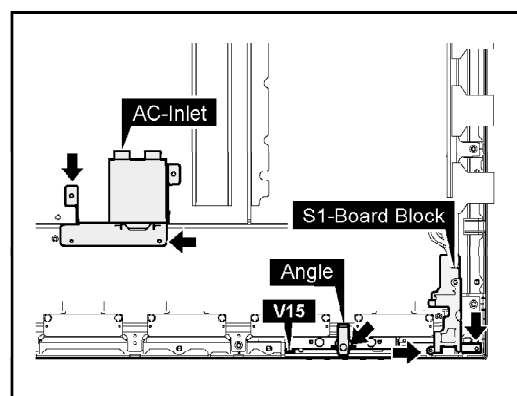


33. Remove the 2 screws and then remove the S1-Board.

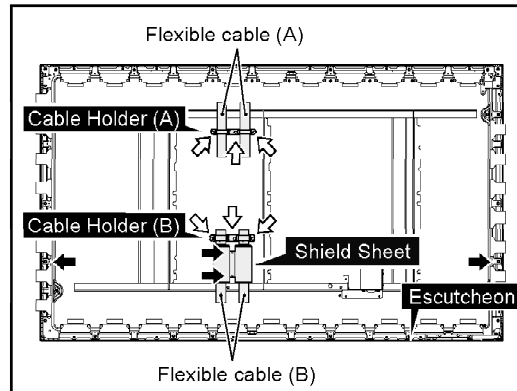
34. Remove the 2 screws and then remove the AC-Inlet.

35. Remove the 1 screw and then remove the Angle.

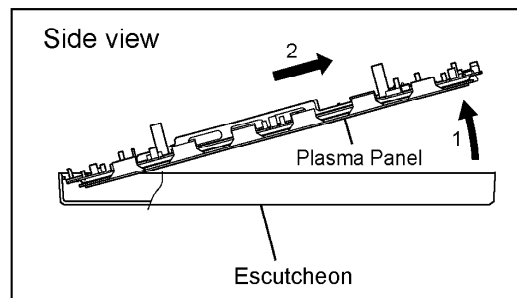
36. Disconnect the coupler(V15).



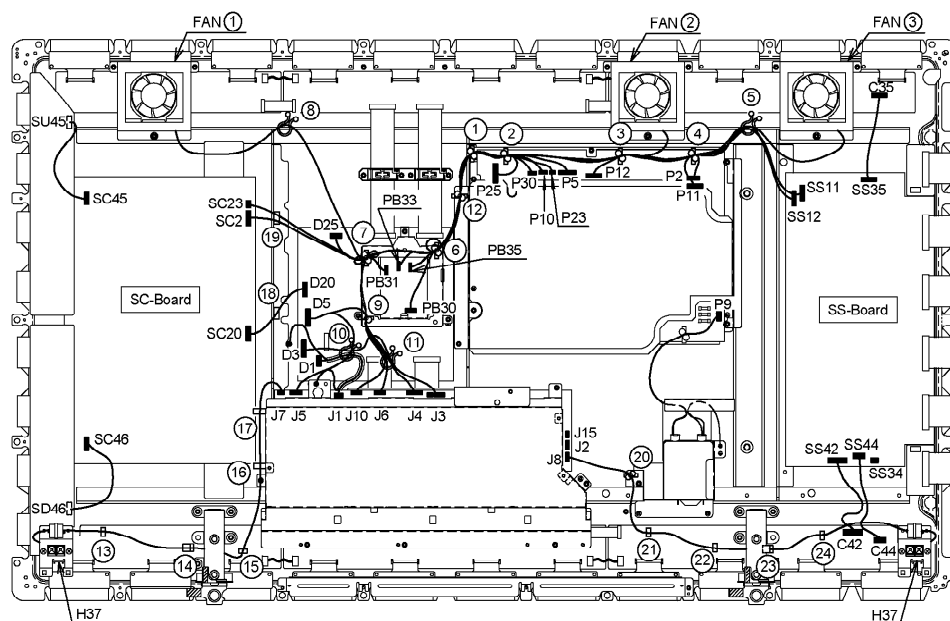
37. Remove the each 3 screws of the Fixed Sheets(A, B) and then remove the Fixed Sheets(A, B).
38. Remove the 2 screws and then remove the Shield Sheet.
39. Remove the each 3 screws and then remove the Cable Holders(A, B) and the Flexible cables(A, B).
40. Remove the 2 screws of the Escutcheon.



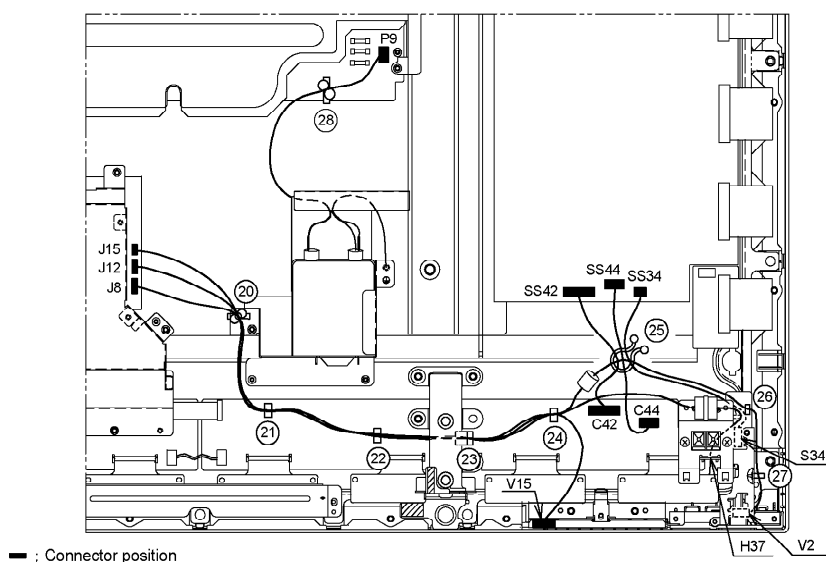
41. Pull the bottom of the Plasma Panel forward (arrow1).
42. Slide the Plasma Panel and then remove the Plasma Panel (arrow2).



8. Location of Lead Wiring

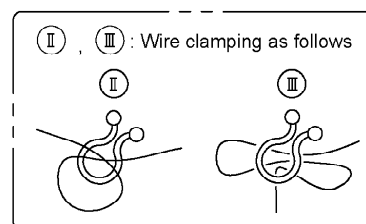


Enlarged view of lower right side



Clamp position

CON: No. — CON: No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SC2 — P2	○	○	○	○		○	○					○							○									
SC23 — P23	○	○				○	○					○							○									
SC20 — D20																			○									
PB30 — P30	○	○				○						○																
D25 — P25	○	○				○	○					○																
D1 — J1											○																	
D3 — J3											○	○																
D5 — J5 J6											○	○																
J4 — P5	○	○				○	○				○	○	○															
J10 — P10	○	○				○	○				○	○	○															
H37 (SCside) — J7													○	○	○	○	○											
H37 (SSside) — J8																				○	○	○	○	○				
SS12 — P12			○	○	○																							
SS11 — P11				○	○																							
SS35 — C35	No clamp treatment																											
SS42 — C42																										○		
SS44 — C44																										○		
FAN① — PB31							Ⅲ	○																				
FAN② — PB33	○	○	○				Ⅱ					○																
FAN③ — PB35	○	○	○	○	○	○	Ⅱ					○																
V15 (V2-Board) — J15																				○	○	○	○	○	○			
V2 (V1-Board) — J2																				○	○	○	○	○	○	○	○	○
SS34 — S34																									○		○	○
H37 — J8																				○	○	○	○	○				
AC Inlet — P9																												



9. Adjustment Procedure

9.1. Driver Set-up

9.1.1. Item / Preparation

1. Input a white signal of the RGB signal generator.
2. Set the picture adjustment items as follows.

- Picture menu : Standard
- Color temperature : Normal
- Picture : 25
- Aspect : Full

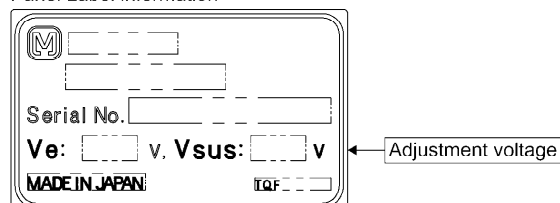
9.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS	176V $\pm$ 2V	VR351 (P)	*
Ve	TPVE	150V $\pm$ 1V	VR6250 (SS)	*
Vda	TPVDA	75V $\pm$ 1V	Fixed	
Vad	TPVAD	-90V $\pm$ 1V	VR6801(SC)	
Vscn	TPVSCN	Vad + 130V $\pm$ 4V	Fixed	
Vset	TPVSET	225V $\pm$ 7V	Fixed	

*See the Panel label.

Panel Label information



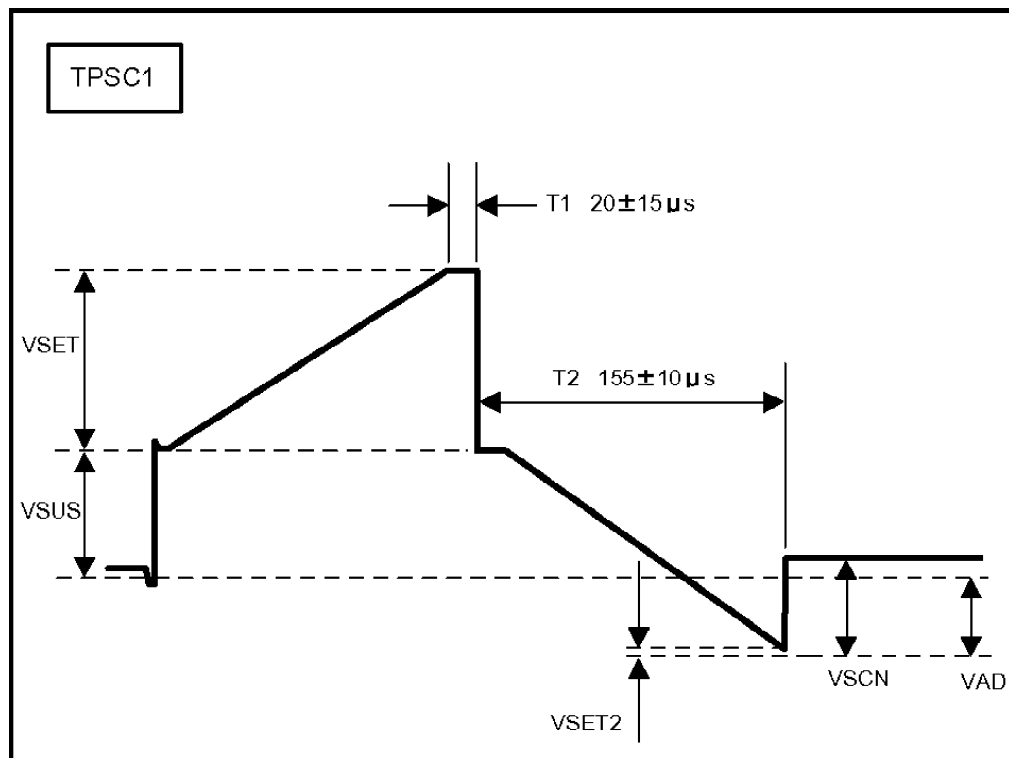
Caution

1. First perform Vsus voltage adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad voltage adjustment.
When Vad = -90V, Voltage of Vscn is 40V $\pm$ 4V.

9.2. Initialization Pulse Adjust

1. Input a white signal to plasma video input.
2. Set the picture adjustment items as follows.
 - Picture menu : Standard
 - Color temperature : Normal
 - Picture : 25
 - Aspect : Full
3. Connect Oscilloscope to TPSC1 (T1) and check for 20 $\pm$ 15 μ Sec.
4. Connect Oscilloscope to TPSS1 (T2) and adjust VR6602 for 155 $\pm$ 10 μ Sec.

	Test point	Volume	Level
T1	TPSC1 (SC)	Fixed	20 $\pm$ 15 μ Sec
T2	TPSS1 (SS)	VR6602(SC)	155 $\pm$ 10 μ Sec



9.3. P.C.B. (Printed Circuit Board) Remove

9.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

9.3.2. Quick adjustment after P.C.B. Remove

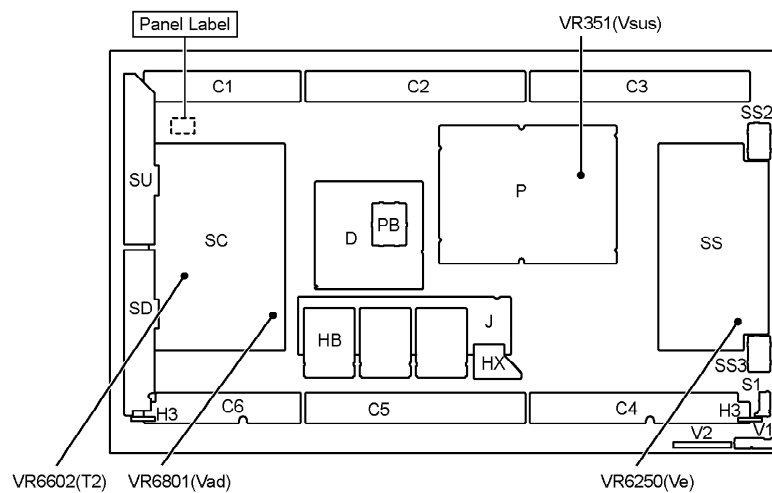
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS	176V $\pm$ 2V	VR351 (P)	*
SC Board	Vad	TPVAD	-90V $\pm$ 1V	VR6801 (SC)	
	Vscn	TPVSCN	Vad+ 130V $\pm$ 4V	Fixed	
	Vset	TPVSET	225V $\pm$ 7V	Fixed	
SS Board	Ve	TPVE	150V $\pm$ 1V	VR6250 (SS)	*
	Vda	TPVDA	75V $\pm$ 1V	Fixed	
D, J Board	White balance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

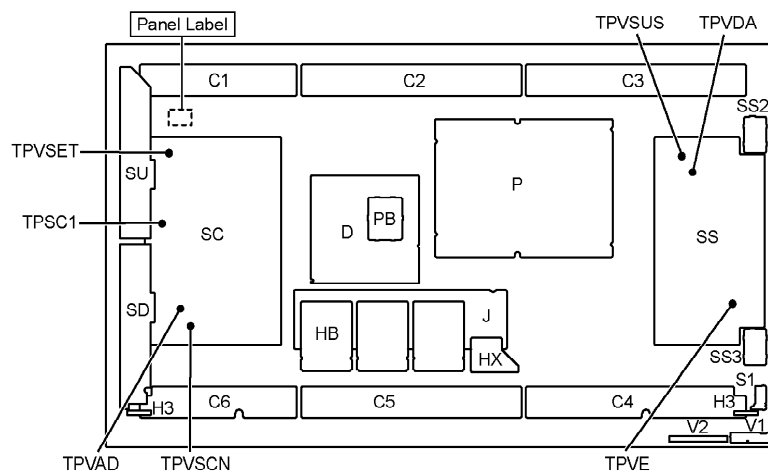
Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

9.4. Adjustment Volume Location



9.5. Test Point Location



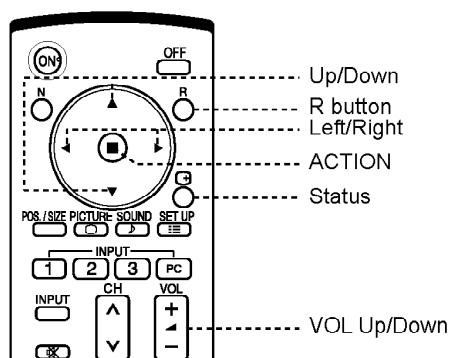
10. Service mode

10.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.2		
IIC Mode	←.....	Mode
CD Mode	←.....	Function
SD Mode	←.....	Access button
MS Mode	←.....	IIC
ID Mode	←.....	CD(Complete Diagnostics)
		Service Alignment
		Action
		CD(Complete Diagnostics)
		Software version information EEPROM edit
		Mute more than 5 seconds
		SD(Status Display)
		MTBF parameter
		Action
		MS Mode
		Not use
		
		ID Mode
		Not use
		

Remote control



How to access the CAT mode.

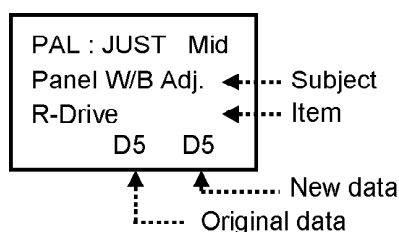
Press and the hold the **Volume down / - button** on the front panel of the unit and press the **status button** on the remote control 3 times quickly within 2 seconds, this will place the unit into the CAT mode.

To exit the CAT mode, access the ID mode and switch off the main power.

10.1.1. IIC mode

Select the IIC mode by Up/Down button on the remote control at the front page of CAT mode and then press the Action button on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by Up/Down buttons on the remote control.
2. Select the alignment **Item** by Left/Right buttons on the remote control.
3. Adjust **optimum setting** by Volume Up/Down buttons on the remote control.
4. The **data is memorized** when press the R button on the remote control or change the alignment Subject (or Items).

Subject and item are mentioned on "IIC mode structure".

To exit the IIC mode, press the R button on the remote control.

10.1.2. CD mode

Select the CD mode by Up/Down button on the remote control at the front page of CAT mode and then press the Mute button on the remote control more than 5 seconds.

MiCom Software version	PM1.0000H8	NG	Factory use
Memory data version D	51.00 2	8E 4E	
Memory data version H	2.00	ED 12	
SF Control/Flash Version	99	14.10	
Memory data Change Address	0	1	
Data	1	1	New data
PTCT	00.00.00.00.00		SOS history
			Original data

Micom software version (IC9702), this version can be upgrade by

1. replace of new version IC

2. Loading the new version software from loader tool, TZSC07036.

Memory data change

Address	0	0	Change by Up/Down buttons on the remote control.
	↑		Change by Left/Right buttons on the remote control.
Data	0	0	Change by VOL Up/Down buttons on the remote control.

The data is memorized when switch off the main power.

To exit the CD mode, press the R button on the remote control.

10.1.3. SD mode

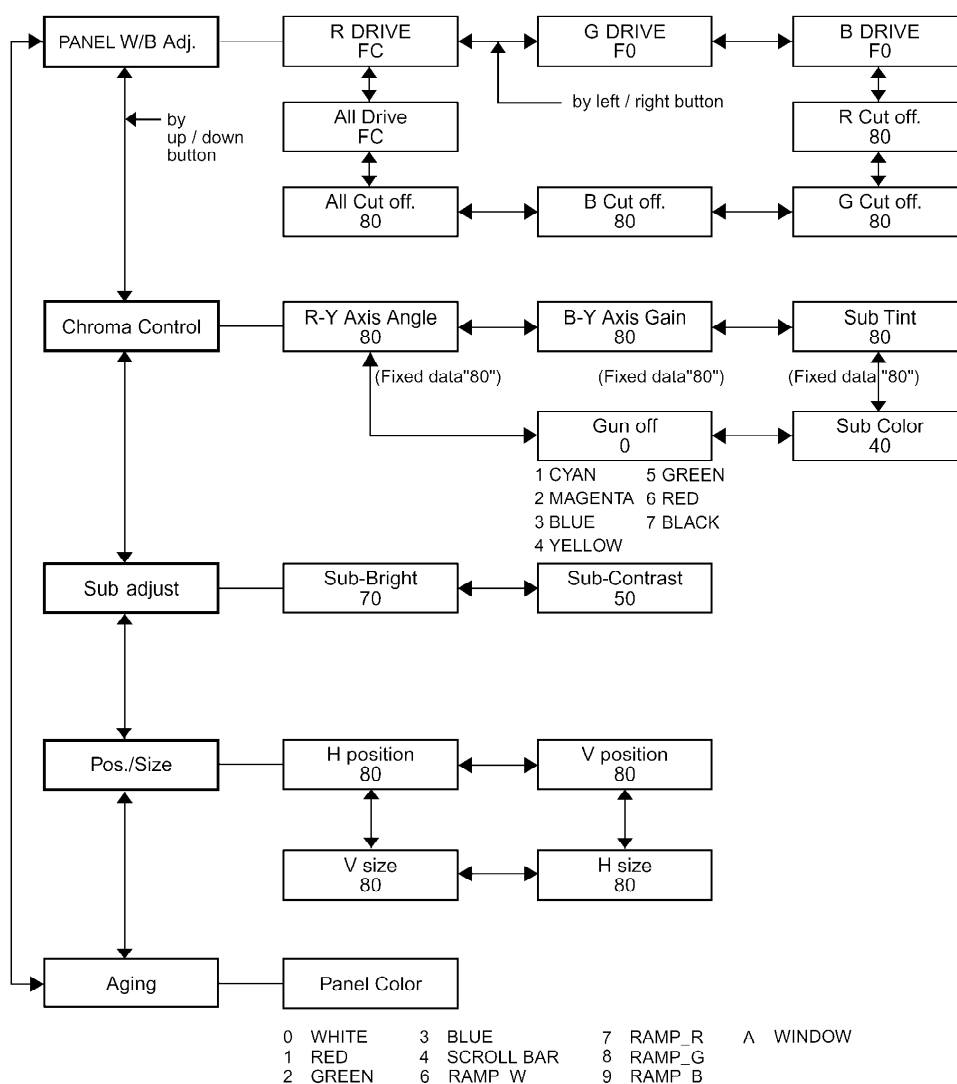
Select the SD mode by Up/Down button on the remote control at the front page of CAT mode and then press the Action button on the remote control.

OSD

Input command check	40 41 38 FF 6 6 18	History of remote control command. (Factory use).			
	26 26 26 26 26 27 27				
	29 27 18 30 18 29				
MTBF Parameter	WT	7	PT	6	Cumulative Time for power on condition. (unit :hour)
		↑			Counter of power on. (unit :time)
Remote Control Mode	A	B			

To exit the SD mode, press the R button on the remote control.

10.2. IIC mode structure (following items value is sample data.)



These are selected by Action button of Remote and press the R button to exit.

11. Alignment

11.1. PC / RGB panel white balance

11.2. HD / 525ip / 625ip panel white balance

12. Trouble shooting guide

12.1. Self Check

12.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the volume down button on the customer controls at the bottom of the set, at the same

time pressing the OFF-TIMER button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect

Or not located then " - - " will appear in place of " OK "

" 01 " in the line of the " PTCT " means the number of blinks of the Power LED is 1. (Reference to 12.1.2)

" H09 " in the line of the " PTCT " is the error code.

Note:

The line of the " PTCT " displays when you get into the Self-check mode for the first time only after the Power LED blinks.

ID	IIC1	IIC2	IIC3
D	IC9703 OK H90	J	IC0101 OK H51
	IC9001 OK H61		IC3003 OK H63
	IC9051 OK H62		IC3004 OK H64
	IC9501 OK H53		IC3005 OK H65
	IC9302 OK H55		IC3006 OK H66
	IC9201 OK H56		IC2303 OK H21
PTCT 01 H09			

12.1.2. Power LED Blinking timing chart

1. Subject

Information of LED Blinking timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point
1		Data SOS
2		SCAN Driver1
3		3.3V SOS
4		5V SOS
5		Power SOS
6		FAN
7		SCAN Driver2
9		SUS Driver

3. Remarks

Above Fan function is operated during the fans are installed.

12.2. No Power

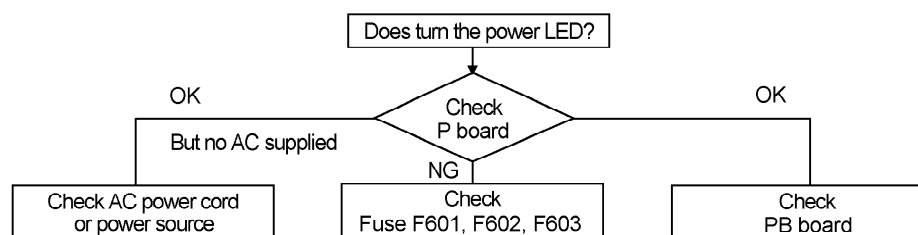
[First check point]

1. No lit.

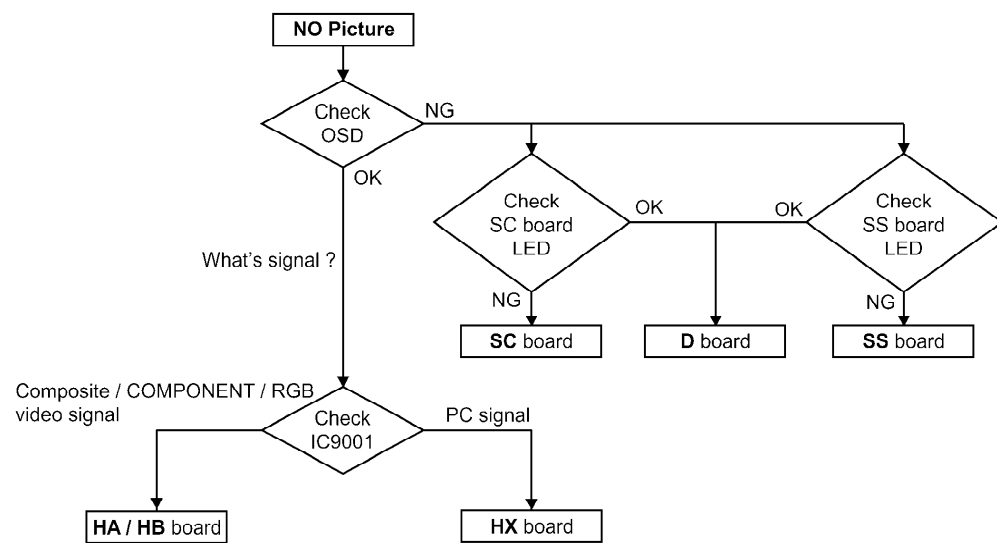
2. Green is lit then turns red blinking a few seconds later.

3. Only red is lit.

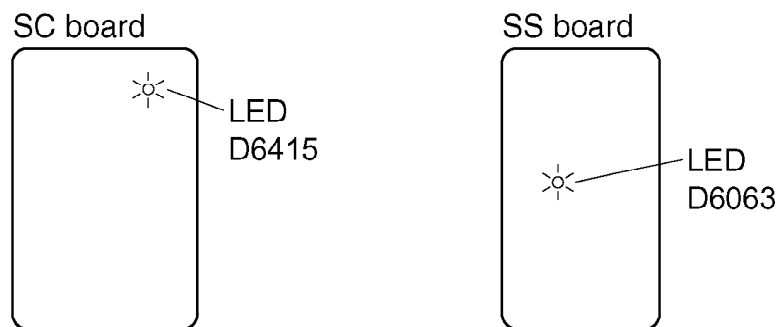
1. No lit.



12.3. No Picture



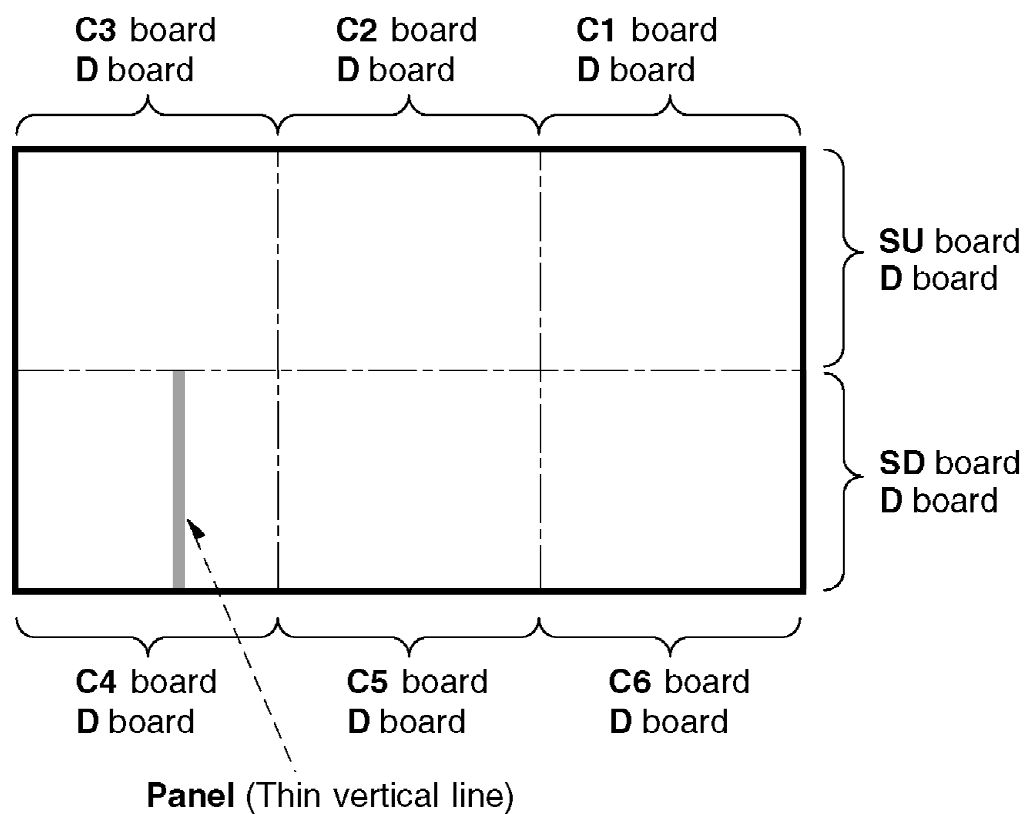
Drive circuits LED indicator



12.4. Local screen failure

Plasma display may have local area failure on the screen. **Fig - 1** is the possible defect P.C.B. for each local area.

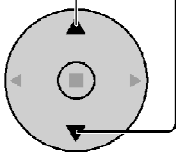
Fig - 1

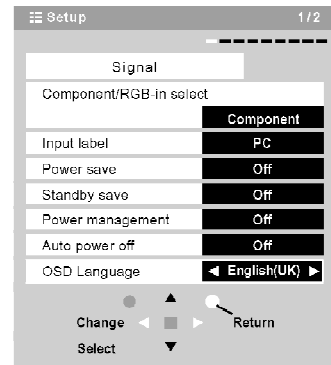


<Local screen failure chart>

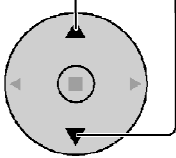
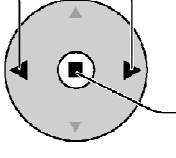
13. Option Setting

How to access the Option menu

- 1  Press to display the Setup menu.
- 2  Press to select "OSD Language".
- 3  Press and hold until the Options menu is displayed.



Setting the Option menus

- 1  Press to select your preferred menu.
- 2  Press to adjust the menu.
Press to confirm.
- 3  Press to exit from Options menu.

Option Menu for GPH8D series

GPH8D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
Onscreen display	On	Enable/Disable to display input mode indication at power on and no signal indication.
Initial INPUT	Off	Sets the initial input mode when the power is turn. Allow input mode selection while power is on.
Initial VOL level	Off	Sets the initial volume level when the power is turn. Allow Volume control while power is on.
Maximum VOL Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or P. not change input mode by input selection key.
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Advanced PIP	Off	Off : Sets normal two screen display mode. On : Sets Advanced PIP mode.
Display size	Off	Adjusts the image display size on screen. On : Sets the image display size approximately 95% normal image display.
Button lock	Off	Enable/Disable bottom operation buttons (Input, M, Enter and/or volume up/down)
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, input, Status, Surround, Sound mute On/Off, and volume adjustment. User2 : Valid key is only Stand-by (ON/OFF). User3 : All keys are null and void
ID select	0	Set ID number from 0 to 100.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID on, standard remote function not control the unit.)
Serial ID	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode while the power is turned on. Allow Optional Terminal Board insert Slots while power on.
V. Installation	Off	V. Installation function On/Off This mode is available for TH-50PHD8EK/ES/BK/B Note: Turn up the power switch for the upward direction when you set display vertically.
Rotate	Off	The image rotates 180 degrees (up-down)

Note :

When both main unit buttons and remote control are disabled due to the “Button lock”, “Remocon User level” or “RemoteID” adjustments, set all the values “Off” so that all the buttons are enabled again.

Press the “Volume down” button on main unit together with “R” button on the remote control and hold for more than 5 seconds. The “SHIPPING” menu is displayed and the lock is released when it disappears.

14. Circuit Board Layout

14.1. P-Board

14.2. PB-Board

14.3. HB-Board

14.4. HX-Board

14.5. J-Board

14.6. D-Board

14.7. C1-Board

14.8. C2-Board

14.9. C3-Board

14.10. C4-Board

14.11. C5-Board

14.12. C6-Board

14.13. SC-Board

14.14. SU-Board

14.15. SD-Board

14.16. SS, SS2 and SS3-Board

14.17. H3, S1, V1 and V2-Board

15. Schematic Diagrams

15.1. Schematic Diagram Notes

Important Safety Notice

Components identified by Δ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Notes:

1. **Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
3. **Coil**
Unit of inductance is H, unless otherwise noted.
4. **Test Point**
 $\bigcirc$: Test Point position
5. **Earth Symbol**
 $\#$: Chassis Earth (Cold) $\downarrow$: Line Earth (Hot)
6. **Voltage Measurement**
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC120V, 50/60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
7. When arrow mark ($\nearrow$) is found, connection is easily found from the direction of arrow.
8. Indicates the major signal flow. : Video $\Rightarrow$ Audio $\Leftarrow$
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

TH-50PHD8BK/BS/EK/ES
Schematic Diagram Notes

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
All circuits, except the Power Circuit, are cold.
Precautions
 - a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
 - b. Do not short circuit the hot and cold circuits or a fuse may blow and parts may break.
 - c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
 - d. Make sure to disconnect the power plug before removing the chassis.

TH-50PHD8BK/BS/EK/ES
Schematic Diagram Notes

15.2. Main Block Diagram

15.3. P-Board Block Diagram

15.4. P-Board (1 of 2) Schematic Diagram

15.5. P-Board (2 of 2) Schematic Diagram

15.6. PB-Board Block and Schematic Diagram

- 15.7. HB-Board Block Diagram**
- 15.8. HB-Board (1 of 2) Schematic Diagram**
- 15.9. HB-Board (2 of 2) Schematic Diagram**
- 15.10. HX-Board Block and Schematic Diagram**
- 15.11. J-Board (1 of 2) and H3-Board Block Diagram**
- 15.12. J-Board (2 of 2) Block Diagram**
- 15.13. J-Board (1 of 4) and H3-Board Schematic Diagram**
- 15.14. J-Board (2 of 4) Schematic Diagram**
- 15.15. J-Board (3 of 4) Schematic Diagram**
- 15.16. J-Board (4 of 4) Schematic Diagram**
- 15.17. D-Board (1 of 2) Block Diagram**
- 15.18. D-Board (2 of 2) Block Diagram**
- 15.19. D-Board (1 of 12) Schematic Diagram**
- 15.20. D-Board (2 of 12) Schematic Diagram**
- 15.21. D-Board (3 of 12) Schematic Diagram**
- 15.22. D-Board (4 of 12) Schematic Diagram**
- 15.23. D-Board (5 of 12) Schematic Diagram**
- 15.24. D-Board (6 of 12) Schematic Diagram**
- 15.25. D-Board (7 of 12) Schematic Diagram**
- 15.26. D-Board (8 of 12) Schematic Diagram**
- 15.27. D-Board (9 of 12) Schematic Diagram**
- 15.28. D-Board (10 of 12) Schematic Diagram**
- 15.29. D-Board (11 of 12) Schematic Diagram**
- 15.30. D-Board (12 of 12) Schematic Diagram**
- 15.31. C1, C2, C5 and C6-Board Block Diagram**

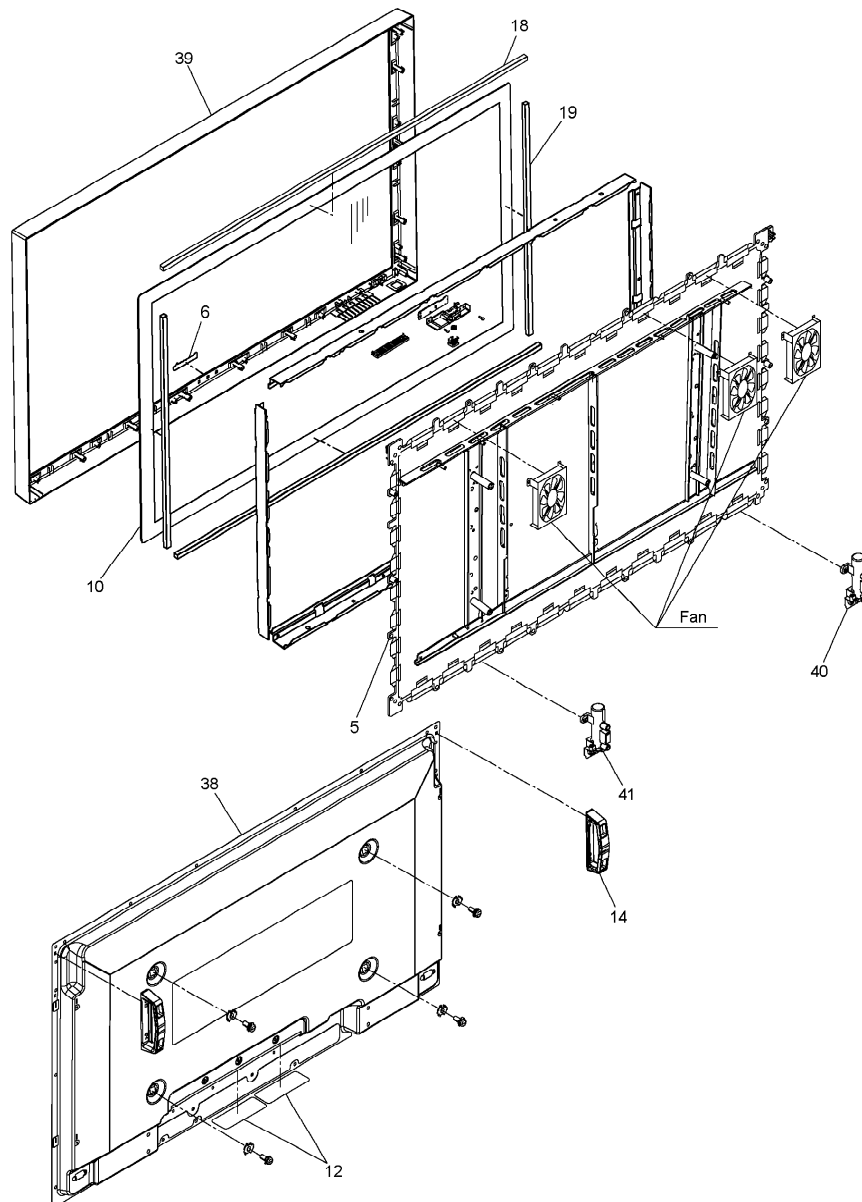
- 15.32. C3 and C4-Board Block Diagram**
- 15.33. C1-Board (1 of 2) Schematic Diagram**
- 15.34. C1-Board (2 of 2) Schematic Diagram**
- 15.35. C2-Board (1 of 2) Schematic Diagram**
- 15.36. C2-Board (2 of 2) Schematic Diagram**
- 15.37. C3-Board (1 of 2) Schematic Diagram**
- 15.38. C3-Board (2 of 2) Schematic Diagram**
- 15.39. C4-Board (1 of 2) Schematic Diagram**
- 15.40. C4-Board (2 of 2) Schematic Diagram**
- 15.41. C5-Board (1 of 2) Schematic Diagram**
- 15.42. C5-Board (2 of 2) Schematic Diagram**
- 15.43. C6-Board (1 of 2) Schematic Diagram**
- 15.44. C6-Board (2 of 2) Schematic Diagram**
- 15.45. SC-Board Block Diagram**
- 15.46. SC-Board (1 of 2) Schematic Diagram**
- 15.47. SC-Board (2 of 2) Schematic Diagram**
- 15.48. SU-Board Block Diagram**
- 15.49. SU-Board (1 of 2) Schematic Diagram**
- 15.50. SU-Board (2 of 2) Schematic Diagram**
- 15.51. SD-Board Block Diagram**
- 15.52. SD-Board (1 of 2) Schematic Diagram**
- 15.53. SD-Board (2 of 2) Schematic Diagram**
- 15.54. SS, SS2 and SS3-Board Block Diagram**
- 15.55. SS-Board (1 of 2), SS2 and SS3-Board Schematic Diagram**
- 15.56. SS-Board (2 of 2) Schematic Diagram**

15.57. S1, V1 and V2-Board Block and Schematic Diagram

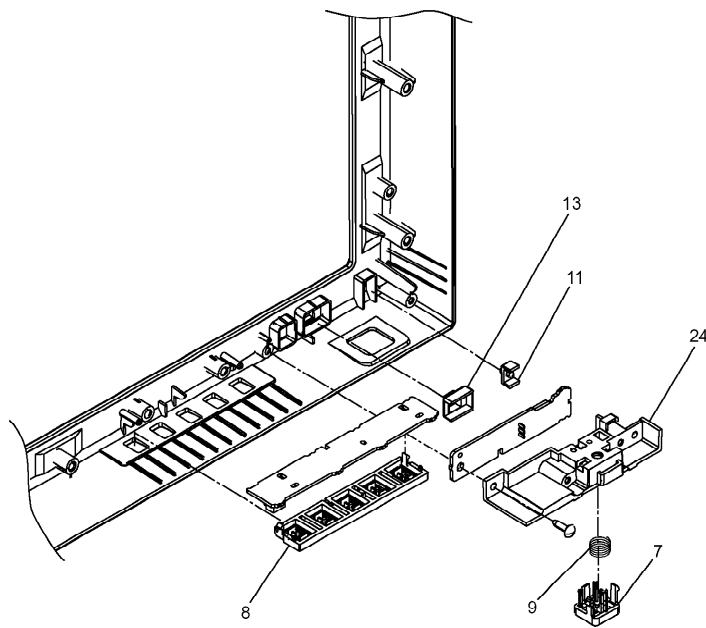
16. Parts Location

16.1. Exploded View

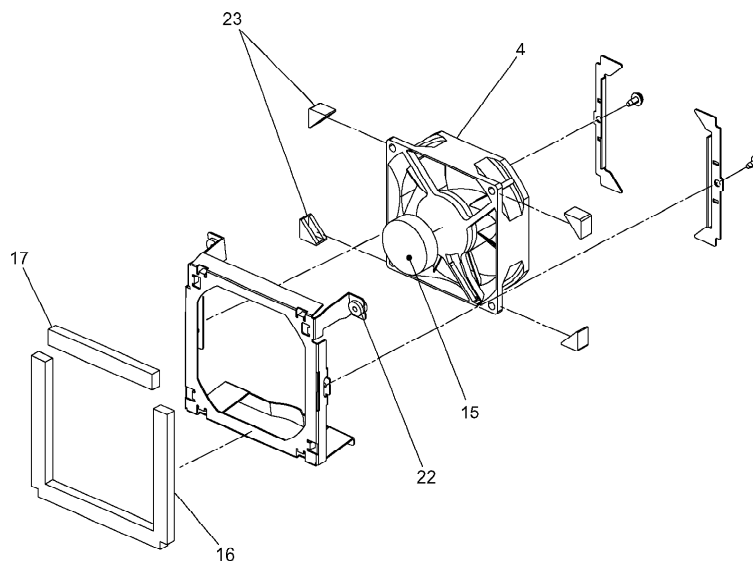
16.1.1. The main mechanical parts relation



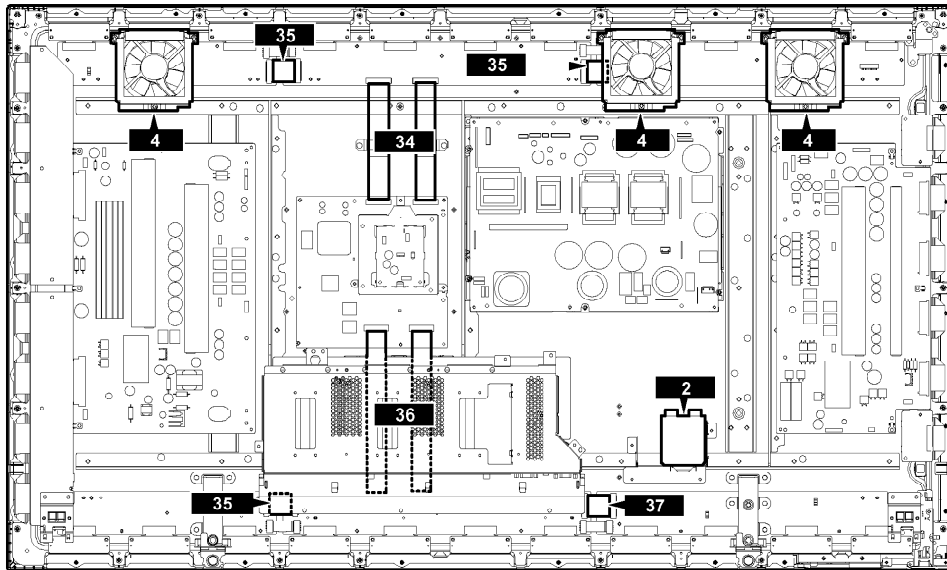
16.1.2. Escutcheon part location enlarged views of lower left side



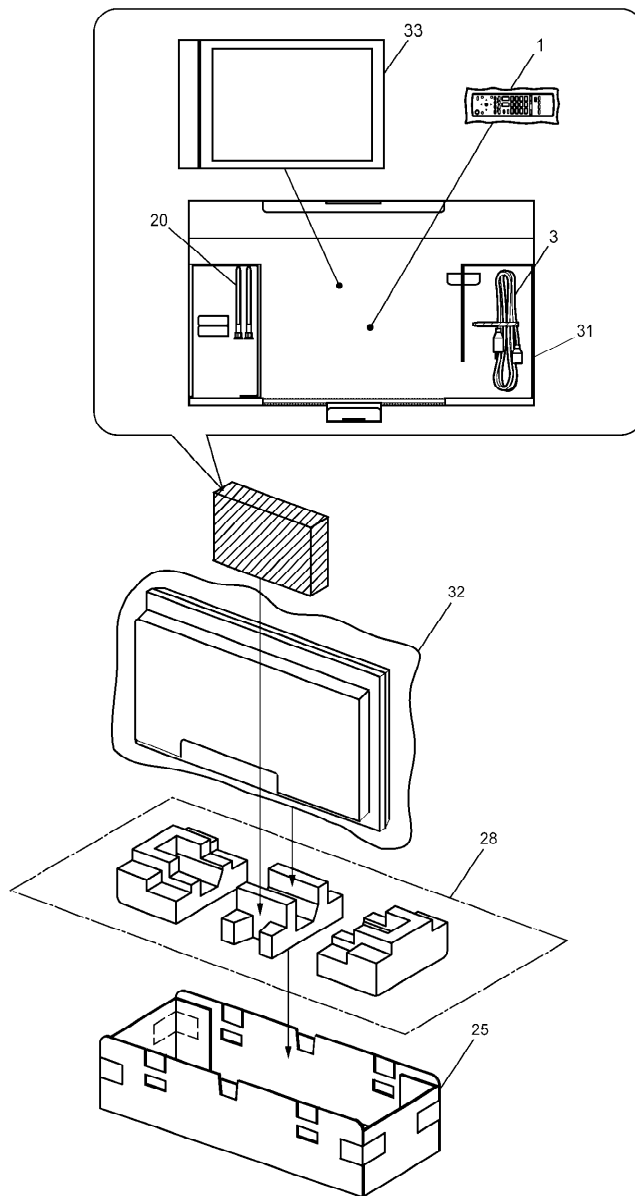
16.1.3. Fan part location enlarged views

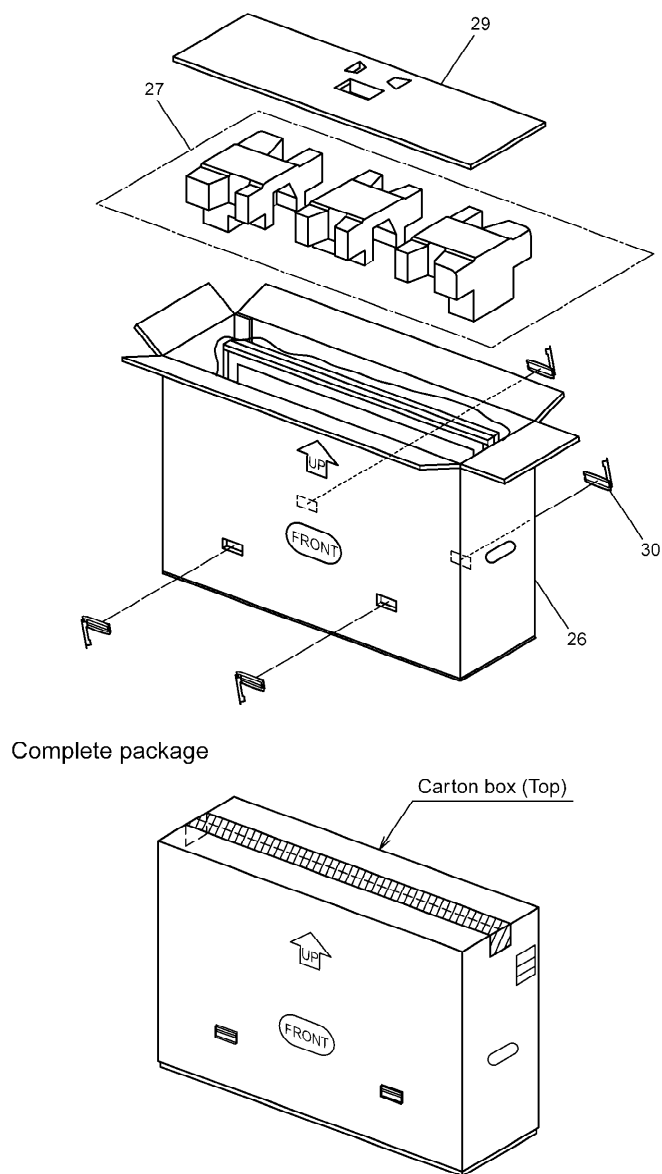


16.2. Cable relation



16.3. Packing summary





17. Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.
Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
<u>1</u>	EUR7636090R	REMOTE CONTROL	1	PAVCCZ(or EUR7636070R)
	J0KD00000095	FLAT CORE	2	
	J0KD00000096	FLAT CORE	2	
<u>2</u>	K2AH3H000033	AC-INLET	1	
<u>3</u>	K2CN3DH00006	AC CORD(B/H)	1	EK/ES 
3	K2CT3DH00018	AC CORD(B/H)	1	BK/BS 
<u>4</u>	L6FALEFH0028	FAN	3	
<u>5</u>	MD50H08A2J	PLASMA DISPLAY PANEL	1	
<u>6</u>	TBMA162	PANASONIC BADGE	1	
<u>7</u>	TBXA46601	POWER BUTTON	1	EK/BK
7	TBXA46602	POWER BUTTON	1	ES/BS
<u>8</u>	TBXA46701	5KEY BUTTON	1	EK/BK
8	TBXA46702	5KEY BUTTON	1	ES/BS
<u>9</u>	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL0239	SCREW	18	
	THEL027N	SCREW	20	
	THEL035N	SCREW	154	
	THTD010N	SCREW	3	
	THTD011J	SCREW	3	
<u>10</u>	TKGA5225	FRONT GLASS	1	PAVCCZ
<u>11</u>	TKKC5213	LED PANEL	1	
<u>12</u>	TKKL5266	COVER	2	
<u>13</u>	TKPA95001	REMOTE SENSOR PANEL	1	EK/BK
13	TKPA95002	REMOTE SENSOR PANEL	1	ES/BS
<u>14</u>	TKRA20501	HANDLE	2	
<u>15</u>	TMKG335	SPONGE (FAN CENTER)	3	
<u>16</u>	TMKG358	SPONGE (FAN)	3	
<u>17</u>	TMKG359	SPONGE (FAN)	3	
<u>18</u>	TMKG558	SPONGE T/B	2	
<u>19</u>	TMKG559	SPONGE L/R	2	
	TMM15414-2	CLAMPER	1	
	TMM17499	CLAMPER	1	
	TMM23416	SPACER	11	
	TMM25401	CLAMPER	6	
	TMM7464-2	CLAMPER	3	
	TMM7468-1	CLAMPER	3	
	TMME047	CLAMPER	1	
	TMME061	CLAMPER	2	
	TMME185	CLAMPER	2	
<u>20</u>	TMME187	CLAMPER	2	
	TMME190	CLAMPER	1	
	TMME199	CLAMPER	3	
	TMME228	CLAMPER	2	
	TMME248	CLAMPER	1	
<u>22</u>	TMMJ074	CUSHION (RUBBER)	9	
<u>23</u>	TMMJ082	SPONGE (FAN CORNER)	12	
	TMMX095	BRACKET	2	
<u>24</u>	TMWC015	POWER BUTTON BRACKET	1	
<u>25</u>	TPC0E61301	CARTON BOX BOTTOM	1	PAVCCZ
<u>26</u>	TPC0E64101	CARTON BOX TOP	1	PAVCCZ 

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
27	TPD0E0099	CUSHION-TOP	1	PAVCCZ
28	TPD0E0100	CUSHION-BOTTOM	1	PAVCCZ
29	TPD0E9009	TOP PAD	1	PAVCCZ
30	TPD169487	JOINT	4	
	TPDA0969	CUSHION (CENTER/UPPER)	1	
	TPDA0970	CUSHION (BOTTOM CENTER)	1	PAVCCZ
	TPDA0971	CUSHION(UPPER/LEFT)	1	
	TPDA0972	CUSHION(UPPER/RIGHT)	1	
	TPDA0973	CUSHION (BOTTOM LEFT)	1	PAVCCZ
	TPDA0974	CUSHION (BOTTOM RIGHT)	1	PAVCCZ
31	TPDF1197	ACCESSORIES BOX	1	
	TPDX0009	TOP PALLET	1	
	TPDX0010	BOTTOM PALLET	1	
32	TPE0E4010	PROTECT COVER	1	PAVCCZ
	TPGA2260	CARDBOARD SLEEVE	2	
33	TQB0E0217A	INSTRUCTION BOOK(ENGLISH)	1	PAVCCZ EK/ES 
33	TQB0E0217B	INSTRUCTION BOOK(GERMAN)	1	PAVCCZ EK/ES 
33	TQB0E0217C	INSTRUCTION BOOK(ITALIAN)	1	PAVCCZ EK/ES 
33	TQB0E0217D	INSTRUCTION BOOK(FRENCH)	1	PAVCCZ EK/ES 
33	TQB0E0217E	INSTRUCTION BOOK(SPANISH)	1	PAVCCZ EK/ES 
33	TQB0E0217F	INSTRUCTION BOOK(DUTCH)	1	PAVCCZ EK/ES 
33	TQB0E0217K	INSTRUCTION BOOK(DANISH)	1	PAVCCZ EK/ES 
33	TQB0E0217U	INSTRUCTION BOOK(SWEDISH)	1	PAVCCZ EK/ES 
33	TQB0E0218	INSTRUCTION BOOK(ENGLISH)	1	PAVCCZ BK/BS 
34	TSXL448	CABLE(D31-C24/D32-C25)	2	
35	TSXL450	CABLE(C10-C20/C21-C31/C50)	3	
36	TSXL473	CABLE(D33-C54/D34-C55)	2	
37	TSXL480	CABLE(C41-C51)	1	PAVCCZ
38	TTUA1242	REAR COVER	1	PAVCCZ EK
38	TTUA1243	REAR COVER	1	PAVCCZ ES
38	TTUA1244	REAR COVER	1	PAVCCZ BK
38	TTUA1245	REAR COVER	1	PAVCCZ BS
39	TXFKE010YSS	ESCUTCHEON ASS'Y	1	PAVCCZ EK/BK
39	TXFKE010YTS	ESCUTCHEON ASS'Y	1	PAVCCZ ES/BS
40	TXFMZ010MHSA	STAND POLE BRACKET(LEFT)	1	
41	TXFMZ020MHSA	STAND POLE BRACKET(RIGHT)	1	
	TXJSPL0YSS	SPEAKER LEAD(LEFT)	1	PAVCCZ
	TXJSPL0YSS	SPEAKER LEAD(RIGHT)	1	PAVCCZ
	XTB4+10JFJ	SCREW(VESA BRACKET)ROHS	25	
	XTBT964J	SCREW	2	
	XTV3+10GFJ	SCREW	3	
	XTV3+10JFJ	SCREW	2	
	XTW3+8TFJ	SCREW	3	
	XYC3+FF8FJ	SCREW	2	
	XYC3+JF12FJ	SCREW	3	
	XYC4+FJ35FJK	SCREW	19	
	XYN3+F10FJ	SCREW	2	
	XYN3+F8FJ	SCREW	3	
	XYN3+J12FJ	SCREW	36	
	XYN4+E8FJ	SCREW(EARTH)	1	
	XYN5+C20FJ	SCREW	8	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN8+F20FJK	SCREW	4	
	XZBT6530	POLY BAG	1	

18. Replacement Parts List

18.1. Relpacement Parts List Notes

Important Safety Notice

Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 $\triangle$ 100KOHM, $\triangle$ 1/4W

Type Allowance

2. Capacitor

Example:

ECKF1H103ZF $\triangle$ 0.01UF, $\triangle$ 50V

Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\text{pF}$
T : Tantalum	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

18.2. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F601.602	K5D103BMA001	TIME LAG FUSE HIGH	2	
F603	K5D102BNA007	TIME LAG FUSE HIGH	1	
A601,02	RA362MSV7T	ARRESTOR	2	
C10	K1MN50BA0076	50P CONNECTOR	1	
C11	K1KA06BA0107	6P CONNECTOR	1	
C20,21	K1MN50BA0076	50P CONNECTOR	2	
C22,23	K1KA06BA0107	6P CONNECTOR	2	
C24,25	K1MN55BA0076	55P CONNECTOR	2	
C31	K1MN50BA0076	50P CONNECTOR	1	
C33	K1KA06BA0107	6P CONNECTOR	1	
C35	K1KA10AA0153	10P CONNECTOR	1	
C41	K1MN55BA0076	55P CONNECTOR	1	
C42	K1KA10AA0153	10P CONNECTOR	1	
C43	K1KA06BA0107	6P CONNECTOR	1	
C44	K1KA20AA0009	20P CONNECTOR	1	
C50	K1MN50BA0076	50P CONNECTOR	1	
C51	K1MN55BA0076	55P CONNECTOR	1	
C52,53	K1KA06BA0107	6P CONNECTOR	2	
C54,55	K1MN68BA0076	68P CONNECTOR	2	
C60	K1MN50BA0076	50P CONNECTOR	1	
C61	K1KA06BA0107	6P CONNECTOR	1	
C301	RR3AD681KP	CERAMIC CAPACITOR	1	
C302	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C303	KZE1E470P	ELECTROLYTIC CAPACITOR	1	
C305	ECJ2XC1H101J	C 100PF, J, 50V	1	
C307	TBB224K5	CERAMIC CHIP CAPACITOR	1	
C332	KZE1E470	ELECTROLYTIC CAPACITOR	1	
C335	TEB104K5	CERAMIC CHIP CAPACITOR	1	
C341	RR3AD332K	CERAMIC CAPACITOR	1	
C352	TCR474K2A	CERAMIC CHIP CAPACITOR	1	
C353	KMQ220901Z	ELECTROLYTIC CAPACITOR	1	
C354	TEB104K5	CERAMIC CHIP CAPACITOR	1	
C355	TCR474K2A	CERAMIC CHIP CAPACITOR	1	
C356	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C359	KZE1E470	ELECTROLYTIC CAPACITOR	1	
C360,61	KMQ220901Z	ELECTROLYTIC CAPACITOR	2	
C363,64	RR3DD221K	CERAMIC CAPACITOR	2	
C366	KZE2A331L	ELECTROLYTIC CAPACITOR	1	
C369	TAB104K2E	CERAMIC CHIP CAPACITOR	1	
C374,75	RR3DD221K	CERAMIC CAPACITOR	2	
C401	KZE1E470	ELECTROLYTIC CAPACITOR	1	
C410	ECWH8183HVB	PLASTIC FILM CAPACITOR	1	
C411	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C412	TBB105K1	CERAMIC CHIP CAPACITOR	1	
C451	KZE1E272	ELECTROLYTIC CAPACITOR	1	
C452	KZE1E821L	ELECTROLYTIC CAPACITOR	1	
C454,55	ECJ3YB1E475K	C 4.7UF, K, 25V	2	
C457	KZE1E821L	ELECTROLYTIC CAPACITOR	1	
C458	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C459	KZE1E821L	ELECTROLYTIC CAPACITOR	1	
C460	ECJ2FB1H104K	C 0.1UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C461	KZE1E471L	ELECTROLYTIC CAPACITOR	1	
C462	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C463	KZE1E101	ELECTROLYTIC CAPACITOR	1	
C464	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C465	KZE1E101	ELECTROLYTIC CAPACITOR	1	
C466-69	ECJ2FB1H104K	C 0.1UF, K, 50V	4	
C471	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C472	KZE1E470	ELECTROLYTIC CAPACITOR	1	
C501	KMQ2W161K	ELECTROLYTIC CAPACITOR	1	
C502	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C503	TBB106K1A	CERAMIC CHIP CAPACITOR	1	
C507	KZE1E101	ELECTROLYTIC CAPACITOR	1	
C512	KZE1E101	ELECTROLYTIC CAPACITOR	1	
C551	KZE1E471L	ELECTROLYTIC CAPACITOR	1	
C553	TBB475K1	CERAMIC CHIP CAPACITOR	1	
C555	KZE1E101	ELECTROLYTIC CAPACITOR	1	
C556	KZE1A471	ELECTROLYTIC CAPACITOR	1	
C557,58	ECJ2FB1H104K	C 0.1UF, K, 50V	2	
C559	CD221K	CERAMIC CAPACITOR	1	
C560	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C562	ECJ2FB1H104K	C 0.1UF, K, 50V	1	
C563	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C601	ECQU2A105ML	PLASTIC FILM CAPACITOR	1	
C603,04	CD221K	CERAMIC CAPACITOR	2	
C606	ECQU2A224ML	PLASTIC FILM CAPACITOR	1	
C610,11	MMXC2W105K	PLASTIC FILM CAPACITOR	2	
C620,21	ECKD3A102KBP	C 1000PF, K, 1KV	2	
C622	ECQE6104KF	P 0.1UF, K,630V	1	
C623,24	KMQ2W221L	ELECTROLYTIC CAPACITOR	2	
C625	TBB474K2	CERAMIC CHIP CAPACITOR	1	
C626	KMQ2W221L	ELECTROLYTIC CAPACITOR	1	
C627	ECQE6472B45	PLASTIC FILM CAPACITOR	1	
C628	CD331K	CERAMIC CAPACITOR	1	
C629	KZE1E470	ELECTROLYTIC CAPACITOR	1	
C630	ECQU2A473MN	P 0.047UF, M,250V	1	
C633	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C634	ECJ2FB1E224K	C 22UF, K, 25V	1	
C701	TBB475K1	CERAMIC CHIP CAPACITOR	1	
C703	TEB104K5	CERAMIC CHIP CAPACITOR	1	
C711	TEB104K2	CERAMIC CHIP CAPACITOR	1	
C801,02	EEVHB1C471	E 470UF, 16V	2	
C804	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C805	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C806	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C807	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C808	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C809	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C811,12	EEVHB1C471	E 470UF, 16V	2	
C814	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C815	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C816	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C817	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C818	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C819	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C820	ECJ2XC1H820J	C 82PF, J, 50V	1	
C821	F2H0J102A010	C 1000UF, 6.3V	1	
C822	EEVHB1C471	E 470UF, 16V	1	
C824	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C825	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C826	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C827	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C828	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C829	F1J0J1060004	C 0.010UF, K, 16V	1	
C830	ECJ2XC1H820J	C 82PF, J, 50V	1	
C831	EEHBB1C470P	C 47PF, J, 16V	1	
C832	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C833	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C834	EEHBB1C470P	C 47PF, J, 16V	1	
C835	F1J0J1060004	C 0.010UF, K, 16V	1	
C836	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C837	F1J0J1060004	C 0.010UF, K, 16V	1	
C838	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C839	F1J0J1060004	C 0.010UF, K, 16V	1	
C840	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C841	F1J0J1060004	C 0.010UF, K, 16V	1	
C842	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C843	F1J0J1060004	C 0.010UF, K, 16V	1	
C844	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C845	F1J0J1060004	C 0.010UF, K, 16V	1	
C846	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C847	F1J0J1060004	C 0.010UF, K, 16V	1	
C848	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C850	ECQB1H104JF	P 0.1UF, J, 50V	1	
C852	ECA1EM471	E 470UF, 25V	1	
C854	EEUFC1C471	E 470UF, 16V	1	
C1530	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C2350,51	ECJ3YB1C225K	C 0.022UF, K, 16V	2	
C2352,53	EEHBB1H100P	C 10PF, J, 50V	2	
C2354,55	EEHBB1V470P	E 47UF, 35V	2	
C2356,57	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2358,59	EEHBP1V2R2R	E 2.2UF, 35V	2	
C2360,61	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,63	EEHBB1E471UP	C 470PF, J, 25V	2	
C2364,65	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,67	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C2368,69	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370,71	EEHBB1V470P	E 47UF, 35V	2	
C2373-75	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C2376,77	ECJ1XC1H150J	C 15PF, J, 50V	2	
C2378-82	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C2383	EEHBB1A101P	C 100PF, J, 10V	1	
C2384	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2385	EEHBB1A101P	C 100PF, J, 10V	1	
C2386,87	EEHBP1H1R0R	C 1.0PF, J, 50V	2	
C2388	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2389	EEHBB1A101P	C 100PF, J, 10V	1	
C2390	EEHBB1H100P	C 10PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2391	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2392,93	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2394	EEH1B1H100P	C 10PF, J, 50V	1	
C2395,96	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C2397	EEH1B1A101P	C 100PF, J, 10V	1	
C2398-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C2404	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C2405,06	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C2407,08	F1J0J1060004	C 0.010UF, K, 16V	2	
C2409,10	ECJ1XC1H181J	C 180PF, J, 50V	2	
C2411-13	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C3001	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3002	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3002	ECJ2XB1E104K	C 0.1UF, K, 25V	1	(HB)
C3003	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3003	EEH1P1A100R	E 10UF, 10V	1	(HB)
C3004	EEH1B1C470P	C 47PF, J, 16V	1	(J)
C3004	EEH1P1A100R	E 10UF, 10V	1	(HB)
C3005	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3006	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3006	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3007	EEH1B1C470P	C 47PF, J, 16V	1	(J)
C3007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3008	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	(J)
C3008	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3009	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3009	EEH1B1C470P	C 47PF, J, 16V	1	(HB)
C3010	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3012	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3012	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3013	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3014	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3014	EEH1B1C470P	C 47PF, J, 16V	1	(HB)
C3015	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3015	ECJ1XC1H470J	C 47PF, J, 50V	1	(HB)
C3016	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3016	ECJ1XC1H220J	C 22PF, J, 50V	1	(HB)
C3017	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3017	ECJ1XC1H680J	C 68PF, J, 50V	1	(HB)
C3018	EEH1B1C470P	C 47PF, J, 16V	1	(J)
C3018	EEH1B0J330R	C 33PF, J, 6.3V	1	(HB)
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3019	ECJ3YB0J335K	C 33UF, J, 25V	1	(HB)
C3020	TCUY1C225KBM	C 2.2UF, 16V	1	
C3021	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3021	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3022	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3022,23	TCUY1C225KBM	C 2.2UF, 16V	2	(J)
C3023	EEH1B0J101P	C 100PF, J, 6.3V	1	(HB)
C3024	ECJ3XB0J106M	C 10UF, M, 6.3V	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3024-31	TCUY1C225KBM	C 2.2UF, 16V	8	(J)
C3033	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3051-54	ECJ1XC1H561J	C 560PF, J, 50V	4	
C3055,56	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3101	TCUY1C225KBM	C 2.2UF, K, 16V	1	
C3102	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3103	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3103	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3105	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3105 02	EEEH0G221P	C 220PF, J, 4V	1	(HB)
C3106	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3106	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3107	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3108	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3108	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3109,10	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	(HB)
C3110	YCUY1C225KBM	C 2.2UF, K, 16V	1	(J)
C3111	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3111	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3112	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3112	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3113	EEH0B1C470P	C 47PF, J, 16V	1	(J)
C3113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3114	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3114	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3115	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3115	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3116	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3117,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3119	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3120	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3121	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3122	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3123	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3124,02	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3126	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3127	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3128	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3129	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3131-02	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3134	F2H0J102A010	C 1000UF, 6.3V	1	
C3135	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3135	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3136	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3136	ECJ1XC1H330J	C 33PF, J, 50V	1	(HB)
C3137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3138	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C3139	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3141	ECJ1XB0J105K	C 1UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3142	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3142,43	TCUY1C225KBM	C 2.2UF, 16V	2	
C3144	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3145	EEH1B1C470P	C 47PF, J, 16V	1	
C3146	ECJ3YB1C225K	C 2.2UF, 16V	1	(J)
C3146	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3147	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3150	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3150	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3151	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3156	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3157	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3158	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3159	EEH1B0G221P	C 220PF, J, 4V	1	
C3160,61	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3162-66	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3167-78	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C3179	EEH1B0G221P	C 220PF, J, 4V	1	
C3180-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3185	ECJ1XC1H060D	C 6PF, D, 50V	1	
C3186	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3188	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3200	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3201	F1J0J1060004	C 0.010UF, K, 16V	1	
C3202	F1J0J1060004	C 0.010UF, K, 16V	1	(J)
C3202	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3203	F1J0J1060004	C 0.010UF, K, 16V	1	(J)
C3203	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3204-06	ECJ1VF1A105Z	C 1UF, Z, 10V	3	
C3207	EEH1B0G221P	C 220PF, J, 4V	1	
C3208-14	ECJ1VF1A105Z	C 1UF, Z, 10V	7	
C3216,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3253	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3254	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3255	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3256	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3257	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3258	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3259	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3261	EEH1B0G221P	C 220PF, J, 4V	1	
C3262	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3263,64	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3265	EEH1B0G221P	C 220PF, J, 4V	1	
C3266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3301	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3308	EEH1B0G221P	C 220PF, J, 4V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3309	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3311	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3313	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3316,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3318-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3322,23	EEH0B0G221P	C 220PF, J, 4V	2	
C3324	EEH0B0J101P	C 100PF, J, 6.3V	1	
C3325	EEH0B1C470P	C 47PF, J, 16V	1	
C3327-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEH0B1C470P	C 47PF, J, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3523	EEH0B1C470P	C 47PF, J, 16V	1	
C3524	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3550	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3551	EEH0B1C470P	C 47PF, J, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C6015	TCUY1C105ZFN	C 1UF, 16V	1	
C6016,17	F1L1E4750004	C 4.7UF, 25V	2	
C6019	F1L1E4750004	C 4.7UF, 25V	1	
C6035	TCUY1C105ZFN	C 1UF, 16V	1	
C6036,37	F1L1E4750004	C 4.7UF, 25V	2	
C6039	F1L1E4750004	C 4.7UF, 25V	1	
C6060	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6061,62	EEUFC1E221	E 220UF, 25V	2	
C6063	ECA1EM101	E 100UF, 25V	1	
C6064,65	TCUY1C105ZFN	C 1UF, 16V	2	
C6066-69	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C6080-82	ECQE2255JF	P 2.5UF, K,250V	3	
C6085-87	ECQE2255JF	P 2.5UF, K,250V	3	
C6100	F1L2J562A022	C 5600UF, K,6.3V	1	
C6130	TCUY1C105ZFN	C 1UF, 16V	1	
C6131,32	F1L1E4750004	C 4.7UF, 25V	2	
C6134	F1L1E4750004	C 4.7UF, 25V	1	
C6140	F1L2J562A022	C 5600UF, K,6.3V	1	
C6170-75	F2A2D221A022	E 220UF, 200V	6	
C6185	ECQE2255JF	P 2.5UF, K,250V	1	
C6200,01	ECA2CM101	E 100UF, 160V	2	
C6202	EEUFC1E221	E 220UF, 25V	1	
C6206	ECA2CM101	E 100UF, 160V	1	
C6209	ECA2CM101	E 100UF, 160V	1	
C6210-12	ECQE2255JF	P 2.5UF, K,250V	3	
C6214	F1L1E4750004	C 4.7UF, 25V	1	
C6215	EEUFC1E221	E 220UF, 25V	1	
C6217,18	F1L1E4750004	C 4.7UF, 25V	2	
C6221	F1L1E4750004	C 4.7UF, 25V	1	
C6223	F1L1E4750004	C 4.7UF, 25V	1	
C6224	EEUFC1E221	E 220UF, 25V	1	
C6225	F1L1E4750004	C 4.7UF, 25V	1	
C6226	TCUY1C105ZFN	C 1UF, 16V	1	
C6233	F1L1E4750004	C 4.7UF, 25V	1	
C6234	EEUFC1E221	E 220UF, 25V	1	
C6235	F1L1E4750004	C 4.7UF, 25V	1	
C6240	ECA2AHG101	E 100UF, 100V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6255	ECA2EHG470	E 47UF, 250V	1	
C6257	F1L1E4750004	C 4.7UF, 25V	1	
C6258	TCUY1C105ZFN	C 1UF, 16V	1	
C6260	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6262	F1L1E4750004	C 4.7UF, 25V	1	
C6264	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6265	F1L1E4750004	C 4.7UF, 25V	1	
C6266	EEUFC1E102	E 1000UF, 25V	1	
C6269	F2A2D221A022	E 220UF, 200V	1	
C6273	F1L1E4750004	C 4.7UF, 25V	1	
C6275	F1L1E4750004	C 4.7UF, 25V	1	
C6401-06	F2A2D221A022	E 220UF, 200V	6	
C6413,14	ECQE2255JF	P 2.5UF, K,250V	2	
C6421	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6422	EEUFC1E221	E 220UF, 25V	1	
C6425,26	EEUFC1E470	E 47UF, 25V	2	
C6433-35	TCUY1C105ZFN	C 1UF, 16V	3	
C6436	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6437	TCUY1C105ZFN	C 1UF, 16V	1	
C6440	TCUY1C105ZFN	C 1UF, 16V	1	
C6442	TCUY1C105ZFN	C 1UF, 16V	1	
C6444	TCUY1C105ZFN	C 1UF, 16V	1	
C6453	EEUFC1E221	E 220UF, 25V	1	
C6501-06	ECQE2255JF	P 2.5UF, K,250V	6	
C6513	F1L2J222A022	C 2200UF, K,6.3V	1	
C6515,16	F1L2J222A022	C 2200UF, K,6.3V	2	
C6531	F1L2J222A022	C 2200UF, K,6.3V	1	
C6533,34	F1L2J222A022	C 2200UF, K,6.3V	2	
C6536	F1L2J222A022	C 2200UF, K,6.3V	1	
C6559,60	F1L1E4750004	C 4.7UF, 25V	2	
C6562	F1L1E4750004	C 4.7UF, 25V	1	
C6563	TCUY1C105ZFN	C 1UF, 16V	1	
C6582	F1L1E4750004	C 4.7UF, 25V	1	
C6584,85	F1L1E4750004	C 4.7UF, 25V	2	
C6586	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	F1L1E4750004	C 4.7UF, 25V	1	
C6589,90	F1L1E4750004	C 4.7UF, 25V	2	
C6591	TCUY1C105ZFN	C 1UF, 16V	1	
C6611	F1L1E4750004	C 4.7UF, 25V	1	
C6612,13	F1K2J102A014	C 1000UF, K,6.3V	2	
C6614	ECA2EHG470	E 47UF, 250V	1	
C6615	ECA1VM470	E 47UF, 35V	1	
C6616,17	F1L1E4750004	C 4.7UF, 25V	2	
C6618	TCUY1C105ZFN	C 1UF, 16V	1	
C6619	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6620	TCUY1C105ZFN	C 1UF, 16V	1	
C6621	F1L1E4750004	C 4.7UF, 25V	1	
C6623	ECQE2105RKB	P 1UF, 250V	1	
C6624	F1L1E4750004	C 4.7UF, 25V	1	
C6626	F1L1E4750004	C 4.7UF, 25V	1	
C6627,28	TCUY1C105ZFN	C 1UF, 16V	2	
C6630-32	F1K2J102A014	C 1000UF, K,6.3V	3	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6636,37	ECA2CM101	E 100UF, 160V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6638	F1L1E4750004	C 4.7UF, 25V	1	
C6639	TCUY1C105ZFN	C 1UF, 16V	1	
C6651	TCUY1C105ZFN	C 1UF, 16V	1	
C6653	TCUY1C105ZFN	C 1UF, 16V	1	
C6655,56	TCUY1C105ZFN	C 1UF, 16V	2	
C6657	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6658	ECA1HM101	E 100UF, 50V	1	
C6659-62	F1L1E4750004	C 4.7UF, 25V	4	
C6801	ECA2CM101	E 100UF, 160V	1	
C6806	ECA2EHG470	E 47UF, 250V	1	
C6807	ECA1HM221	E 220UF, 50V	1	
C6808,09	ECA2CM101	E 100UF, 160V	2	
C6812-14	F1K2J332A014	C 3300UF, K,6.3V	3	
C6816	F2A2G100A017	E 100UF, 400V	1	
C6818	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6819	TCUY1C105ZFN	C 1UF, 16V	1	
C6820	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6821	EEUFC1E221	E 220UF, 25V	1	
C6822	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6823	F1K2J222A014	C 2200UF, K,6.3V	1	
C6824	ECA2EHG470	E 47UF, 250V	1	
C6825	ECQE6223KF	P 0.022UF, K,400V	1	
C6826	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6828	EEUFC1V151	E 150UF, 35V	1	
C6829	ECA2DHG330	E 33UF, 200V	1	
C6830	F1L1E4750004	C 4.7UF, 25V	1	
C6831	EEUFC1E470	E 47UF, 25V	1	
C6833	F1L1E4750004	C 4.7UF, 25V	1	
C6834	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6835	ECJ2XC1H471J	C 470PF, J, 50V	1	
C6836	ECKD3D221KBP	C 220PF, K, 2KV	1	
C6900	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6901-06	TCUY1C105ZFN	C 1UF, 16V	6	
C6908	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6909,10	F1L2E1040002	E 1000UF, 25V	2	
C6917,18	F1L2E1040002	E 1000UF, 25V	2	
C6920	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6921-26	TCUY1C105ZFN	C 1UF, 16V	6	
C6927,28	F1L2E1040002	E 1000UF, 25V	2	
C6930	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6937,38	F1L2E1040002	E 1000UF, 25V	2	
C7101,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7103,04	ECJ3XB2A474K	C 0.47UF, 6.3V	2	
C7107	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7111	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7125	TCUY1C105ZFN	C 1UF, 16V	1	
C7130	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7136-38	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C7139	TCUY1C105ZFN	C 1UF, 16V	1	
C7150	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7152	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	TCUY1C105ZFN	C 1UF, 16V	1	
C7203,04	TCUY1C105ZFN	C 1UF, 16V	2	
C7208	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7212	TCUY1C105ZFN	C 1UF, 16V	1	
C7216	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7221	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7224	TCUY1C105ZFN	C 1UF, 16V	1	
C7225	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7231	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7232-35	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7238	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7240	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7250	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7274	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7301	TCUY1C105ZFN	C 1UF, 16V	1	
C7304	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7308,09	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7311,12	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7315,16	TCUY1C105ZFN	C 1UF, 16V	2	
C7323	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7326	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7329	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7339,40	TCUY1C105ZFN	C 1UF, 16V	2	
C7351	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7359-62	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7401	TCUY1C105ZFN	C 1UF, 16V	1	
C7406	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7412-15	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C7418,19	TCUY1C105ZFN	C 1UF, 16V	2	
C7420-23	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7428,29	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7440,41	TCUY1C105ZFN	C 1UF, 16V	2	
C7452,53	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7502	TCUY1C105ZFN	C 1UF, 16V	1	
C7511	TCUY1C105ZFN	C 1UF, 16V	1	
C7513	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7519	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7520	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7521	TCUY1C105ZFN	C 1UF, 16V	1	
C7522	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7527	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7530	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7538	TCUY1C105ZFN	C 1UF, 16V	1	
C7540,41	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7543	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7546	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7561-64	ECJ3XB2A474K	C 0.47UF, 6.3V	4	
C7601,02	TCUY1C105ZFN	C 1UF, 16V	2	
C7611-13	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7624	TCUY1C105ZFN	C 1UF, 16V	1	
C7630	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7635-37	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C7640	TCUY1C105ZFN	C 1UF, 16V	1	
C7653-55	ECJ3XB2A474K	C 0.47UF, 6.3V	3	
C8001	EEH1C470P	C 47PF, J, 16V	1	
C8003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C8005	ECJ1VF1H103Z	C 0.010UF, Z, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8007	ECJ1XC1H101J	C 100PF, J, 50V	2	
C8009	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C8013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C8019	ECJ1VB1H103K	C 0.001UF, K, 50V	2	
C8021	ECJ3VB1C474K	C 0.47UF, K, 16V	2	
C8023	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C8025	ECJ1VB1H103K	C 0.001UF, K, 50V	4	
C8027	ECJ3YB1C225K	C 0.022UF, K, 16V	1	
C8029	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8030	EEH1C470P	C 47PF, J, 16V	1	
C8033	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8036	ECJ1XC1H101J	C 100PF, J, 50V	2	
C8038	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C8045	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8049	ECJ2VF1H103Z	C 0.010UF, Z, 50V	2	
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8071	EEH1C470P	C 47PF, J, 16V	1	
C8072,73	ECJ3YF1A106Z	C 10UF, Z, 10V	2	
C8080-83	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C8084	TCUY1C105ZFN	C 1UF, 16V	1	
C8100	EEH1C470P	C 47PF, J, 16V	1	
C8101	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8102,03	EEH1C470P	C 47PF, J, 16V	2	
C8105,06	EEH1C470P	C 47PF, J, 16V	2	
C8107	EEVHB1C471	E 470UF, 16V	1	
C8108,09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8111-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C8114	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C8115	EEH1C470P	C 47PF, J, 16V	1	
C8116	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8120	EEH1E330P	C 33PF, J, 25V	1	
C8121	ECJ1XF1E104Z	C 0.1UF, Z, 25V	1	
C8122	EEH1C470P	C 47PF, J, 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8181,82	ECJ1XC1H150J	C 15PF, J, 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8185	EECS5R5H155	E 1.5UF, 5.5V	1	
C8200	EEH1C470P	C 47PF, J, 16V	1	
C9001,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9003	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9004	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C9006	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9007-09	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C9010	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9011-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9016	F1J0J106A013	C 0.010UF, K, 16V	1	
C9017,18	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9019	F1J0J106A013	C 0.010UF, K, 16V	1	
C9020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9021	F1J0J106A013	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9022	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9031	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9076	EEH1C470P	C 47PF, J, 16V	1	
C9081	TCUY1C105ZFN	C 1UF, 16V	1	
C9093	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9095	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9101-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9107,08	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9151,52	TCUY1C105ZFN	C 1UF, 16V	2	
C9155	EEH1C470P	C 47PF, J, 16V	1	
C9156	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9201	EEH1C470P	C 47PF, J, 16V	1	
C9202-13	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9214	EEH1C470P	C 47PF, J, 16V	1	
C9215-18	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9219-22	F1J0J106A013	C 0.010UF, K, 16V	4	
C9234	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9235,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9241	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9373	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9375	EEH1C470P	C 47PF, J, 16V	1	
C9377	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9379	EEH1C470P	C 47PF, J, 16V	1	
C9383	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9387-23	ECJ1XF1C104Z	C 0.1UF, Z, 16V	37	
C9424-40	ECJ1XB1C104K	C 0.1UF, Z, 16V	17	
C9441	EEH0G221P	C 220PF, J, 4V	1	
C9442	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9443-46	ECJ1VF1H103Z	C 0.010UF, Z, 50V	4	
C9461-63	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C9464-66	F1J0J106A013	C 0.010UF, K, 16V	3	
C9467	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9515,16	EEV1C471	E 470UF, 16V	2	
C9594	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9599	ECJ2FB1E475M	C 4.7UF, K, 25V	1	
C9601	ECGRL0G680R	C 68PF, J, 4V	1	
C9602	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9603	ECGRL0G680R	C 68PF, J, 4V	1	
C9604	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9606	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9608	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9609	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9610	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9611	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C9612	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9613	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9614	ECJ1VB0J475K	C 4.7UF, K, 6.3V	1	
C9617,18	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9619	EEH1C470P	C 47PF, J, 16V	1	
C9620	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9622-24	F1J0J1060004	C 0.010UF, K, 16V	3	
C9626	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9627	EEH1C470P	C 47PF, J, 16V	1	
C9628	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9630-32	F1J0J1060004	C 0.010UF, K, 16V	3	
C9634,35	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9637-42	ECJ3XF1C475Z	C 4.7UF, Z, 16V	6	
C9643,44	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9645	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C9646	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C9650,51	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9652	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9653	ECJ1VC1H080C	C 8PF, C, 50V	1	
C9654	F1J0J1060004	C 0.010UF, K, 16V	1	
C9662-01	ECJ1XF1C104Z	C 0.1UF, Z, 16V	40	
C9702	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9703-07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9708-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9712	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9713	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9715-17	TCUY1C105ZFN	C 1UF, 16V	3	
C9718,19	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9721-23	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9724	ECJ1VC1H270J	C 27PF, J, 50V	1	
C9725	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9726	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9733	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9734	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9735	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9736,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9738	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9739-41	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C9742	EEH0B0G221P	C 220PF, J, 4V	1	
C9743-46	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9747	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9748-61	ECJ1XB1C104K	C 0.1UF, Z, 16V	14	
C9762	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9763	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9764	EEH0B0G221P	C 220PF, J, 4V	1	
C9779	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9780	F2H1E221A007	E 2.2UF, 25V	1	
C9781-83	F1J0J106A013	C 0.010UF, K, 16V	3	
C9784	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9785	F1J0J106A013	C 0.010UF, K, 16V	1	
C9981	EEH0B1C470P	C 47PF, J, 16V	1	
C9982	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9983	EEH0B0G221P	C 220PF, J, 4V	1	
C9984	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9985	F1J0J106A013	C 0.010UF, K, 16V	1	
C9986	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9988	F1J0J106A013	C 0.010UF, K, 16V	1	
C9989	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9991	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9992	EEH0B1C470P	C 47PF, J, 16V	1	
C9993	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9994	F1J0J106A013	C 0.010UF, K, 16V	1	
CA1-11	K1MN68BA0002	68P CONNECTOR	11	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
CB1-11	K1MN68BA0002	68P CONNECTOR	11	
CNPFC	B2P3-VH-B	CONNECTOR	1	
D1	K1KA20AA0335	20P CONNECTOR	1	
D3	K1KA40AA0009	40P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D10	K1KA12AA0105	12P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D31,32	K1MN55BA0076	55P CONNECTOR	2	
D33,34	K1MN68BA0076	68P CONNECTOR	2	
D302	RU1P	DIODE	1	
D303	RB550VA-30	DIODE	1	
D305,06	ST3D170	CLAMPER	2	
D307	RB550VA-30	DIODE	1	
D308	ERA91-02	DIODE	1	
D332	RB550VA-30	DIODE	1	
D334	RB550VA-30	DIODE	1	
D335	RU1P	DIODE	1	
D337	RU1P	DIODE	1	
D351	FCF06A40	DIODE	1	
D374	MA165	DIODE	1	
D401	RB550VA-30	DIODE	1	
D402	M1FS6	DIODE	1	
D403	M1FS6	DIODE	1	
D405	M1FS6	DIODE	1	
D451-54	RB085T60	DIODE	4	
D455	M1FS6	DIODE	1	
D456,57	MA111	DIODE	2	
D501	ST3D200	CLAMPER	1	
D504	ERA91-02	DIODE	1	
D511	ERA91-02	DIODE	1	
D511	MA2S111	DIODE	1	
D515	ERA91-02	DIODE	1	
D516	MA2S111	DIODE	1	
D551	RK49	DIODE	1	
D601	MA111	DIODE	1	
D602	S1WBA80	DIODE	1	
D603	MA111	DIODE	1	
D605	M1F60	DIODE	1	
D606	RB550VA-30	DIODE	1	
D607	S3V60	DIODE	1	
D608,09	RB550VA-30	DIODE	2	
D612	EP01C	DIODE	1	
D613,14	ERA22-10	DIODE	2	
D796	MA2S111	DIODE	1	
D801	B0JCPD000026	DIODE	1	
D802,03	B0JCME000037	DIODE	2	
D850	MA165	DIODE	1	
D852	MA165	DIODE	1	
D854	MA165	DIODE	1	

2007	2008	2009	2010	2011
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D859	AK04	DIODE	1	
D1550	LNJ107W5PRW	LED	1	
D1551	MA8033L	ZENER DIODE	1	
D1554	MA8033L	ZENER DIODE	1	
D2301-03	B0JCME000037	DIODE	3	
D3001	MA111	DIODE	1	(J)
D3001	MA729	DIODE	1	(HB)
D3002	MA3100M	ZENER DIODE	1	
D3003,04	MA111	DIODE	2	
D3005	LNJ206R5ARA	LED	1	
D3007,08	MA111	DIODE	2	
D3061	MA728	DIODE	1	
D3501-04	MA3056M	ZENER DIODE	4	
D3507-10	MA8160H	ZENER DIODE	4	
D6000,01	B0HBSN000008	DIODE	2	
D6002	B0HDSM000005	DIODE	1	
D6010,11	B0HBSN000008	DIODE	2	
D6012	B0ECHP000003	DIODE	1	
D6013,14	B0HCMM000014	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6016	B0HBSN000008	DIODE	1	
D6020,21	B0HBSN000008	DIODE	2	
D6030,31	B0HBSN000008	DIODE	2	
D6035,36	B0ECHP000003	DIODE	2	
D6060	MA111	DIODE	1	
D6061,62	MA8330M	ZENER DIODE	2	
D6063	LNJ301MPUJA	LED	1	
D6064	MA8051L	ZENER DIODE	1	
D6065,66	MA152	DIODE	2	
D6145-47	B0HBSN000008	DIODE	3	
D6190	B0ECHP000003	DIODE	1	
D6200	B0HDSM000005	DIODE	1	
D6203	B0HDSM000005	DIODE	1	
D6206-09	B0ECHP000003	DIODE	4	
D6210-12	B0HDSM000005	DIODE	3	
D6215	B0HDSM000005	DIODE	1	
D6221	B0JCME000037	DIODE	1	
D6225	B0JCME000037	DIODE	1	
D6226,27	B0ECHP000003	DIODE	2	
D6228	B0HDSM000005	DIODE	1	
D6240	B0HDSM000005	DIODE	1	
D6241,42	B0ECHP000003	DIODE	2	
D6250,51	B0JCME000037	DIODE	2	
D6257-59	B0ECHP000003	DIODE	3	
D6262	B0JCME000037	DIODE	1	
D6263,64	MA111	DIODE	2	
D6271	MA111	DIODE	1	
D6411	MA111	DIODE	1	
D6412	MA8051L	ZENER DIODE	1	
D6413,14	MA8330M	ZENER DIODE	2	
D6415	LNJ301MPUJA	LED	1	
D6416	MA111	DIODE	1	
D6417,18	MA8330M	ZENER DIODE	2	
D6419-21	MA111	DIODE	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6422,23	MA8200M	ZENER DIODE	2	
D6501-04	B0HBSN000008	DIODE	4	
D6505	B0HCMM000014	DIODE	1	
D6506	B0ECHP000003	DIODE	1	
D6511,12	B0HBSN000008	DIODE	2	
D6517	MA8330M	ZENER DIODE	1	
D6518,19	MA111	DIODE	2	
D6521,22	B0HBSN000008	DIODE	2	
D6525-27	B0HBSN000008	DIODE	3	
D6561,62	B0ECHP000003	DIODE	2	
D6563	B0HBSN000008	DIODE	1	
D6564,65	B0ECHP000003	DIODE	2	
D6611,12	B0ECHP000003	DIODE	2	
D6613	MA8240M	ZENER DIODE	1	
D6615,16	MA111	DIODE	2	
D6617	MA8051L	ZENER DIODE	1	
D6618	B0HCMM000014	DIODE	1	
D6619	MA111	DIODE	1	
D6620	B0ECHP000003	DIODE	1	
D6622	MA8240M	ZENER DIODE	1	
D6623	B0JCME000037	DIODE	1	
D6624	MA111	DIODE	1	
D6625	B0HCKS000002	DIODE	1	
D6627	MA111	DIODE	1	
D6629,30	B0HCKS000002	DIODE	2	
D6631	MA111	DIODE	1	
D6632	B0JCME000037	DIODE	1	
D6633	MA111	DIODE	1	
D6634	MA8051L	ZENER DIODE	1	
D6635-37	MA8330M	ZENER DIODE	3	
D6638	MA111	DIODE	1	
D6639	B0HCMM000014	DIODE	1	
D6640-42	MA111	DIODE	3	
D6643	B0HCMM000014	DIODE	1	
D6644-51	MA8056H	ZENER DIODE	8	
D6652	MA111	DIODE	1	
D6653	MA8056H	ZENER DIODE	1	
D6654-57	B0JCME000037	DIODE	4	
D6658	B0HCKS000002	DIODE	1	
D6813,14	B0ECHP000003	DIODE	2	
D6815	MA111	DIODE	1	
D6817	MA111	DIODE	1	
D6818	B0JCKG000002	DIODE	1	
D6819	B0ECHP000003	DIODE	1	
D6820	MA111	DIODE	1	
D6821	B0JCME000037	DIODE	1	
D6822,23	B0HCKS000002	DIODE	2	
D6824	B0HCMM000014	DIODE	1	
D6825	B0BC01000044	ZENER DIODE	1	
D6826	B0ECHP000003	DIODE	1	
D6827	MA111	DIODE	1	
D6828	B0HCKS000002	DIODE	1	
D6829	MA111	DIODE	1	
D6830	B0HCKS000002	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6831,32	MA111	DIODE	2	
D6833-35	B0HCMM000014	DIODE	3	
D6840	B0ECHP000003	DIODE	1	
D6901,02	MA8056H	ZENER DIODE	2	
D6908,09	B0ECHP000003	DIODE	2	
D6911,12	MA8056H	ZENER DIODE	2	
D6918,19	B0ECHP000003	DIODE	2	
D7101-04	B0HCMM000014	DIODE	4	
D7107,08	B0HCMM000014	DIODE	2	
D7201-08	B0HCMM000014	DIODE	8	
D7209	B0HDSM000005	DIODE	1	
D7301-08	B0HCMM000014	DIODE	8	
D7405-12	B0HCMM000014	DIODE	8	
D7501-08	B0HCMM000014	DIODE	8	
D7509	B0HDSM000005	DIODE	1	
D7601-06	B0HCMM000014	DIODE	6	
D8001-04	MA111	DIODE	4	
D8010,11	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8181	MA8056-M	ZENER DIODE	1	
D8184,85	MA8056-M	ZENER DIODE	2	
D8200	MA3150M	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D9300-03	MA152K	DIODE	4	
D9500,01	B0JCDD000002	DIODE	2	
D9502,03	B0JCPE000004	DIODE	2	
D9702-05	MA3033	ZENER DIODE	4	
D9707	MA728	DIODE	1	
D9711-13	MA152K	DIODE	3	
D9715	MA728	DIODE	1	
D9721	MA3036H	ZENER DIODE	1	
D9731	MA728	DIODE	1	
D9732-35	MA152K	DIODE	4	
FL3000-03	F1J1E1040022	LC FILTER	4	
FL3006-10	F1J1E1040022	LC FILTER	5	
FL3507-09	J0HABB000004	LC FILTER	3	
FL3510-17	TLK212T256AL	EMI FILTER	8	
FL7201,02	J0HABH000013	LC FILTER	2	
FL7501,02	J0HABH000013	LC FILTER	2	
FL9001	J0MAB0000175	LC FILTER	1	
FL9300-05	F1J1E1040022	LC FILTER	6	
FL9500	F1J1E1040022	LC FILTER	1	
FL9502-04	F1J1E1040022	LC FILTER	3	
FL9701-09	F1J1E1040022	LC FILTER	9	
H0	K1KA08AA0150	8P CONNECTOR	1	
H1	K1KA80B00037	80P CONNECTOR	1	
H37	K1KA03AA0190	3P CONNECTOR	1	
H37	K1KA03AA0190	3P CONNECTOR	1	
HX1	K1KB22A00036	22P CONNECTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC301	MR4020F2	INTEGRATED CIRCUIT	1	
IC401	F9222L	INTEGRATED CIRCUIT	1	
IC501	MIP3E30MP	INTEGRATED CIRCUIT	1	
IC801-03	C0DBAMH00013	IC	3	
IC804	C0CBCAC00275	IC	1	
IC850	C0DAAZG00014	IC	1	
IC2301,02	C1BA00000383	IC	2	
IC2303	C1BB00001006	IC	1	
IC2305	C0ABBA000168	IC	1	
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	(J)
IC3001	C0JBAR000419	IC	1	(HB)
IC3002	C0JBBR000002	IC	1	(J)
IC3002	C0ABGB000001	IC	1	(HB)
IC3003	CXA1315M	LINEAR IC	1	(J)
IC3003	C0ABGB000001	IC	1	(HB)
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00002311	IC	1	
IC3007,08	C0JBAS000215	IC	2	
IC3101	C1AB00002238	IC	1	
IC3101	C0DBEZG00018	IC	1	
IC3102	C0DBZLB00003	IC	1	
IC3103	C1AB00002158	IC	1	
IC3104	PST9128NR	IC (LOGIC)	1	
IC3105	C0JBAZ002269	IC	1	
IC3150	C0JBAA000419	IC	1	
IC3201	C3HBKZ000002	IC	1	
IC3251	C0ZBZ0000967	IC	1	
IC3301	MM1065ZMR	LINEAR IC	1	
IC3302	C0DBEZG00018	IC	1	
IC3303	AN80L25RMS	IC	1	
IC3304	C0JBAZ002344	IC	1	
IC3305	JLC1562BF	MOS IC (MICON LSI) *	1	
IC3502	TVRN651	IC	1	
IC3699	C3EBGC000065	IC	1	
IC6000	AN16016A-VF	IC	1	
IC6020	AN16016A-VF	IC	1	
IC6060	C0JBAZ000005	IC	1	
IC6061,62	NJM2903M	INTEGRATED CIRCUIT	2	
IC6100	AN16016A-VF	IC	1	
IC6200,01	C0ZBZ0000895	IC	2	
IC6220,21	C0ZBZ0000895	IC	2	
IC6240	C0JBAZ000005	IC	1	
IC6250	AN16016A-VF	IC	1	
IC6251	C0ZBZ0001033	IC	1	
IC6252	AN1431M	LINEAR IC	1	
IC6411,12	C0JBAZ000005	IC	2	
IC6413	C0JBAA000174	IC	1	
IC6421	NJM2903M	INTEGRATED CIRCUIT	1	
IC6501-03	AN16016A-VF	IC	3	
IC6610	C0ZBZ0001033	IC	1	
IC6611	C0CBADC00075	IC	1	
IC6620	C0ZBZ0001033	IC	1	
IC6621	C0CBADC00075	IC	1	

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6630	C0ZBZ0001033	IC	1	
IC6640	C0ZBZ0001033	IC	1	
IC6650,51	C0JBAZ000994	IC	2	
IC6652	C0CBALC00010	IC	1	
IC6653,54	C0CBADC00075	IC	2	
IC6801	C0DAAMH00005	IC	1	
IC6812	AN1431M	LINEAR IC	1	
IC6814,15	AN1431M	LINEAR IC	2	
IC6816	C0CBALC00010	IC	1	
IC6817,18	AN1431M	LINEAR IC	2	
IC6901-06	C0HBC0000007	IC	6	
IC6911-16	C0HBC0000007	IC	6	
IC7102	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-05	C0JBAZ001120	IC	5	
IC7301-05	C0JBAZ001120	IC	5	
IC7401-05	C0JBAZ001120	IC	5	
IC7501-05	C0JBAZ001120	IC	5	
IC7602-04	C0JBAZ001120	IC	3	
IC7606	C0JBAZ001120	IC	1	
IC8001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC8003	C1AA00000706	IC	1	
IC8005	C0JBAB000646	IC	1	
IC8007	C0JBAR000419	IC	1	
IC8009	C0JBAS000215	IC	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC8100	C0CBAKG00008	IC	1	
IC8181	C1DB00001208	IC	1	
IC9001	C0FBAD000102	IC	1	
IC9002	C0CBCBC00190	IC	1	
IC9003	C0JBAA000358	IC	1	
IC9031	C0JBAZ002198	IC	1	
IC9053	C0JBAA000358	IC	1	
IC9101	C0ZBZ0000764	IC	1	
IC9102	C0JBAZ002198	IC	1	
IC9103	C0JBAE000354	IC	1	
IC9151,52	C0JBAZ000856	IC	2	
IC9201	C1ZBZ0002917	IC	1	
IC9202	C0EBD0000038	IC	1	
IC9203	TVRN629	IC	1	
IC9301	C3ABQJ000031	IC	1	
IC9302	MN845121-A	IC	1	
IC9303	TVRN707	IC	1	
IC9304-06	C0JBAZ000856	IC	3	
IC9501	MN845111-A	IC	1	
IC9502	C1ZBZ0002769	IC	1	
IC9504	C3ABQJ000031	IC	1	
IC9506	C0DBAHE00017	IC	1	
IC9605	PST9128NR	IC (LOGIC)	1	
IC9607,08	C0DBEJG00001	IC	2	
IC9701	MN102H90MPD	IC	1	
IC9702	TVRN501-1	IC	1	PAVCCZ
IC9703	TVRN643	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9704	C0EBE0000447	IC	1	
IC9711	C0JBAE000354	IC	1	
IC9713	C0JBAS000215	IC	1	
IC9714	C0JBAZ000856	IC	1	
IC9715	C0JBAE000354	IC	1	
IC9953	C0DBEJG00001	IC	1	
IC9954	C0DBEGE00002	IC	1	
J1	K1KA20AA0335	20P CONNECTOR	1	
J2	K1KA06BA0047	6P CONNECTOR	1	
J3	K1KA40AA0009	40P CONNECTOR	1	
J4	K1KA11BA0051	11P CONNECTOR	1	
J5	K1KA21B00008	21P CONNECTOR	1	
J6	K1KA21B00009	21P CONNECTOR	1	
J7,J8	K1KA03BA0055	3P CONNECTOR	2	
J10	K1KA06BA0050	6P CONNECTOR	1	
J11-13	K1KB80B00024	80P CONNECTOR	3	
J14	K1KA22A00067	22P CONNECTOR	1	
J15	K1KA03BA0047	3P CONNECTOR	1	
JK3001	K1CB106B0027	CONNECTOR	1	
JK3002 02	K1QBB2AB0005	CONNECTOR	1	
JK3004	K2HA204B0097	JACK	1	
JK3509	K1FB109BA018	CONNECTOR	1	
JK3511	K1FB115BA020	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JK8500 02	K4BC02B00013	TERMINAL	1	
JS801-16	ERJ6GEY0R00	M 0 OHM, 1/10W	16	
JS3301-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3308-10	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS6200	ERD25V0T	M OHM, 1/10W	1	
JS6402	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS6801	ERD25V0T	M OHM, 1/10W	1	
JS8094-97	J0JCC0000100	CHIP INDUCTOR	4	
K601	DG12D1-0	RELAY	1	
K602	DJ12D2-0	RELAY	1	
L301-04	EXCELSR35	FERRITE BEAD INDUCTOR	4	
L401,02	EXCELSA35	BEAD CHOKE	2	
L452	EXCELD35	FERRITE BEAD INDUCTOR	1	
L454,55	EXCELD35	FERRITE BEAD INDUCTOR	2	
L501	EXCELSA35	BEAD CHOKE	1	
L503	EXCELD35	FERRITE BEAD INDUCTOR	1	
L601,02	P3180207Z	FILTER CHOKE	2	
L604	S3783106Z	CHOKE	1	
L606	ELF15N004A	FILTER CHOKE	1	
L607,08	EXCELD35	FERRITE BEAD INDUCTOR	2	
L611	EXCELD35	FERRITE BEAD INDUCTOR	1	
L801	G1C470MA0078	INDUCTOR COIL	1	
L802	G1C101MA0078	INDUCTION COIL	1	

LEVEL	DESCRIPTION	INSTRUCTION CODE	1
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L803	G1C220MA0078	INDUCTION COIL	1	
L804-11	J0JHC0000078	CHIP INDUCTOR	8	
L851	G0A680ZA0047	CHOKE COIL	1	
L1501-08	J0JHC0000078	CHIP INDUCTOR	8	
L2330,31	G0A221ZA0041	CHOKE COIL	2	
L3001	J0HABB0000004	LC FILTER	1	(J)
L3001	J0HABB0000003	LC FILTER	1	(HB)
L3002	G1C100K00020	INDUCTION COIL	1	(J)
L3002	J0HABB0000004	LC FILTER	1	(HB)
L3003	G1C100K00020	INDUCTION COIL	1	(J)
L3003	J0HABB0000004	LC FILTER	1	(HB)
L3004	J0HABB0000003	LC FILTER	1	
L3005	G1C100K00020	INDUCTION COIL	1	(J)
L3005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
L3006	G1C100K00020	INDUCTION COIL	1	(J)
L3006	J0E8004B0008	LC FILTER	1	(HB)
L3007	G1C2R2K00006	INDUCTION COIL	1	
L3050	G1C100K00020	INDUCTION COIL	1	
L3051,52	ELJNA1R5JF	INDUCTION COIL	2	
L3102-04	ELJPA100KB	CHIP INDUCTOR	3	
L3140	J0JHC0000078	CHIP INDUCTOR	1	
L3201	ELJPA100KB	CHIP INDUCTOR	1	
L3251,52	ELJPA2R2MF	CHIP INDUCTOR	2	
L3305-08	ELKE103FA	NOISE FILTER	4	
L3526	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L6000,01	J0JJC0000021	CHIP INDUCTOR	2	
L6010-12	G0AR60MA0003	CHOKE COIL	3	
L6014	G0ZZ00002183	PEAKING COIL	1	
L6020	J0JJC0000021	CHIP INDUCTOR	1	
L6030-33	G0A1R4MA0003	CHOKE COIL	4	
L6040	G0ZZ00002183	PEAKING COIL	1	
L6042	G0ZZ00002183	PEAKING COIL	1	
L6044	G0ZZ00002183	PEAKING COIL	1	
L6046	G0ZZ00002183	PEAKING COIL	1	
L6068	J0JJC0000021	CHIP INDUCTOR	1	
L6070	G0ZZ00002183	PEAKING COIL	1	
L6072	G0ZZ00002183	PEAKING COIL	1	
L6074	G0ZZ00002183	PEAKING COIL	1	
L6076	G0ZZ00002183	PEAKING COIL	1	
L6098	J0JJC0000021	CHIP INDUCTOR	1	
L6180-82	G0ZZ00002183	PEAKING COIL	3	
L6183,84	J0JJC0000021	CHIP INDUCTOR	2	
L6190	J0JJC0000021	CHIP INDUCTOR	1	
L6200-04	G0AR60MA0003	CHOKE COIL	5	
L6210-19	J0JJC0000021	CHIP INDUCTOR	10	
L6223-26	J0JJC0000021	CHIP INDUCTOR	4	
L6231-33	J0JJC0000021	CHIP INDUCTOR	3	
L6235,36	J0JJC0000021	CHIP INDUCTOR	2	
L6239-41	G0ZZ00002183	PEAKING COIL	3	
L6250	G0ZZ00002183	PEAKING COIL	1	
L6251,52	J0JJC0000021	CHIP INDUCTOR	2	
L6411,12	G0ZZ00002183	PEAKING COIL	2	
L6501-03	G0AR60MA0003	CHOKE COIL	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6507-10	G0A1R4MA0003	CHOKE COIL	4	
L6522	G0ZZ00002183	PEAKING COIL	1	
L6524	G0ZZ00002183	PEAKING COIL	1	
L6526	G0ZZ00002183	PEAKING COIL	1	
L6528	G0ZZ00002183	PEAKING COIL	1	
L6546	G0ZZ00002183	PEAKING COIL	1	
L6548	G0ZZ00002183	PEAKING COIL	1	
L6550	G0ZZ00002183	PEAKING COIL	1	
L6552	G0ZZ00002183	PEAKING COIL	1	
L6677-79	J0JJC0000021	CHIP INDUCTOR	3	
L6693	J0JJC0000021	CHIP INDUCTOR	1	
L6698,99	J0JJC0000021	CHIP INDUCTOR	2	
L6812,13	G0ZZ00002183	PEAKING COIL	2	
L6814-16	J0JJC0000021	CHIP INDUCTOR	3	
L7101-06	J0JJC0000011	CHIP INDUCTOR	6	
L7201-08	J0JJC0000011	CHIP INDUCTOR	8	
L7301-08	J0JJC0000011	CHIP INDUCTOR	8	
L7401-08	J0JJC0000011	CHIP INDUCTOR	8	
L7501-08	J0JJC0000011	CHIP INDUCTOR	8	
L7601-06	J0JJC0000011	CHIP INDUCTOR	6	
L8001	G1C100K00020	INDUCTION COIL	1	
L8003,05	G1C100K00020	INDUCTION COIL	2	
L8101-08	J0JHC0000078	CHIP INDUCTOR	8	
L8181	G1C100K00020	INDUCTION COIL	1	
L8501	G0A2R5H00003	CHOKE COIL	1	
L8502	G0A2R5H00003	CHOKE COIL	1	
L8502 02	G0A2R5H00003	CHOKE COIL	1	
L9204-06	J0JHC0000096	CHIP INDUCTOR	3	
L9401-03	J0JHC0000096	CHIP INDUCTOR	3	
L9500	G1C150MA0169	INDUCTION COIL	1	
L9501	G1A100ZA0007	CHOKE COIL	1	
L9502	G1C150KA0038	INDUCTION COIL	1	
L9601-04	J0JHC0000096	CHIP INDUCTOR	4	
NPM	IXMM564M-B-9	MODULE	1	⚠
NPM	IXMM564M-F-9	MODULE	1	⚠
NPM	IXMM564M-C-9	MODULE	1	⚠
NPM	MP00P4	MODULE	1	⚠
NPM	IXMM564M-G-9	MODULE	1	⚠
NPM	IXMM564M-E-9	MODULE	1	⚠
NPM	MP00P5	MODULE	1	⚠
NPM	IXMM564M-D-9	MODULE	1	⚠
NPM,PM	MP44S1	MODULE	2	⚠
P2	B6B-EH-A	CONNECTOR	1	
P5	B11B-PH-KS	CONNECTOR	1	
P9	B3P4VH-B-L	CONNECTOR	1	⚠
P10	B6B-PH-KS	CONNECTOR	1	
P11	B7B-EH-A	CONNECTOR	1	
P12	B10B-PH-KS	CONNECTOR	1	
P23	B3B-PH-KS	CONNECTOR	1	

FILE	DESCRIPTION	CONNECTOR	1
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
P25	B20B-PHDSS	CONNECTOR	1	
P30	B5B-PH-KS	CONNECTOR	1	
PB30	K1KA05AA0193	5P CONNECTOR	1	
PB31	K1KA03AA0192	3P CONNECTOR	1	
PB33	K1KA03AA0192	3P CONNECTOR	1	
PB35	K1KA03AA0192	3P CONNECTOR	1	
PC6422-25	B3PBA0000223	IC	4	
PC6601	B3PBA0000234	IC	1	
PC6602	B3PBA0000233	IC	1	
PC6604	B3PBA0000234	IC	1	
PC6605	B3PBA0000233	IC	1	
PC6607	B3PBA0000233	IC	1	
PC6813	B3PBA0000223	IC	1	
PC6819	B3PBA0000223	IC	1	
Q332	2SD2098	TRANSISTOR	1	
Q333	2SB1386RT100	TRANSISTOR	1	
Q402	2SB766A	TRANSISTOR	1	
Q451-53	HAT1130R	FIELD EFFECT TRANSISTOR	3	
Q551	HAT1130R	FIELD EFFECT TRANSISTOR	1	
Q553,54	HAT1130R	FIELD EFFECT TRANSISTOR	2	
Q555	2SB709A	TRANSISTOR	1	
Q601	2SK3302	FIELD EFFECT TRANSISTOR	1	⚠
Q602	2SD2098	TRANSISTOR	1	
Q603	2SB1386RT100	TRANSISTOR	1	
Q605	2SB709A	TRANSISTOR	1	
Q606	2SD601A	TRANSISTOR	1	
Q850	2SC3311A	TRANSISTOR	1	
Q1540	2SD601A	TRANSISTOR	1	
Q2300	B1BBCF000028	TRANSISTOR	1	
Q2331	B1BBCF000028	TRANSISTOR	1	
Q2333,34	2SD601A	TRANSISTOR	2	
Q2370,71	2SB709A	TRANSISTOR	2	
Q2372	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	
Q3002	2SD601A	TRANSISTOR	1	(HB)
Q3002	2SD601A	TRANSISTOR	1	(J)
Q3003	2SD601A	TRANSISTOR	1	
Q3004	2SD601A	TRANSISTOR	1	
Q3005	2SD601A	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	
Q3023	2SD601A	TRANSISTOR	1	
Q3051,52	2SD601A	TRANSISTOR	2	
Q3101	2SD601A	TRANSISTOR	1	(J)
Q3101	2SB709A	TRANSISTOR	1	(HB)
Q3102	2SD1030	TRANSISTOR	1	(HB)
Q3102,03	2SD601A	TRANSISTOR	2	(J)
Q3531,32	2SD601A	TRANSISTOR	2	
Q6000,01	2SK3997000VE	FET	2	
Q6010	B1ABNF000006	TRANSISTOR	1	
Q6011	B1ADNF000006	TRANSISTOR	1	
Q6020	2SK3997000VE	FET	1	

2000	2000000000	1.1	1	
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6030	B1ABNF000006	TRANSISTOR	1	
Q6031	B1ADNF000006	TRANSISTOR	1	
Q6060	2SD601A	TRANSISTOR	1	
Q6100-02	B1JADN000001	TRANSISTOR	3	
Q6120	B1ABNF000006	TRANSISTOR	1	
Q6121	B1ADNF000006	TRANSISTOR	1	
Q6140-42	B1JADN000001	TRANSISTOR	3	
Q6160	B1ABNF000006	TRANSISTOR	1	
Q6161	B1ADNF000006	TRANSISTOR	1	
Q6200	2SK326900L	FET	1	
Q6202	2SK326900L	FET	1	
Q6210	B1ABNF000006	TRANSISTOR	1	
Q6211	B1ADNF000006	TRANSISTOR	1	
Q6212	B1ABNF000006	TRANSISTOR	1	
Q6213	B1ADNF000006	TRANSISTOR	1	
Q6221	B1DFKL000001	TRANSISTOR	1	
Q6223	B1DFKL000001	TRANSISTOR	1	
Q6225	B1DFKL000001	TRANSISTOR	1	
Q6230	B1ABNF000006	TRANSISTOR	1	
Q6231	B1ADNF000006	TRANSISTOR	1	
Q6232	B1ABNF000006	TRANSISTOR	1	
Q6233	B1ADNF000006	TRANSISTOR	1	
Q6240	2SB1193000LB	TRANSISTOR	1	
Q6250,51	B1DFKM000002	TRANSISTOR	2	
Q6256	2SD1263A	TRANSISTOR	1	
Q6257	2SC1473A	TRANSISTOR	1	
Q6259	2SK326800L	FET	1	
Q6260	B1DFKM000002	TRANSISTOR	1	
Q6261	2SK620	FET	1	
Q6411	2SD601A	TRANSISTOR	1	
Q6412,13	2SK620	FET	2	
Q6501-03	B1JADN000001	TRANSISTOR	3	
Q6513-15	B1JADN000001	TRANSISTOR	3	
Q6531,32	2SK3997000VE	FET	2	
Q6537	2SK3997000VE	FET	1	
Q6551	B1ABNF000006	TRANSISTOR	1	
Q6552	B1ADNF000006	TRANSISTOR	1	
Q6559	B1ABNF000006	TRANSISTOR	1	
Q6560	B1ADNF000006	TRANSISTOR	1	
Q6567	B1ABNF000006	TRANSISTOR	1	
Q6568	B1ADNF000006	TRANSISTOR	1	
Q6571	B1ABNF000006	TRANSISTOR	1	
Q6572	B1ADNF000006	TRANSISTOR	1	
Q6577	2SD601A	TRANSISTOR	1	
Q6601	B1DEDS000001	TRANSISTOR	1	
Q6602	B1DEET000002	TRANSISTOR	1	
Q6604	B1DFFM000003	TRANSISTOR	1	
Q6611-18	B1DFJM000003	TRANSISTOR	8	
Q6630-35	B1DFKM000001	TRANSISTOR	6	
Q6650-52	B1DEDS000001	TRANSISTOR	3	
Q6654	B1DFFM000003	TRANSISTOR	1	
Q6655	2SD601A	TRANSISTOR	1	
Q6656	B1ADNF000006	TRANSISTOR	1	
Q6658,59	2SK620	FET	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6660	B1ABNF000006	TRANSISTOR	1	
Q6661	B1ADNF000006	TRANSISTOR	1	
Q6664	2SD601A	TRANSISTOR	1	
Q6665	B1ABNF000006	TRANSISTOR	1	
Q6666,67	2SK620	FET	2	
Q6668	B1ABNF000006	TRANSISTOR	1	
Q6669	B1ADNF000006	TRANSISTOR	1	
Q6670	2SK620	FET	1	
Q6814	2SD1263A	TRANSISTOR	1	
Q6815	2SC1473A	TRANSISTOR	1	
Q6816	B1BBCJ000004	TRANSISTOR	1	
Q6817	2SD601A	TRANSISTOR	1	
Q6818	2SB0709A	TRANSISTOR	1	
Q6819	2SD1263A	TRANSISTOR	1	
Q6820	2SC1473A	TRANSISTOR	1	
Q6821	2SD814A	TRANSISTOR	1	
Q6822,23	2SD601A	TRANSISTOR	2	
Q8002	2SD601A	TRANSISTOR	1	
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8019	2SD601A	TRANSISTOR	1	
Q8181-84	2SK2731T146	FET	4	
Q8200-02	2SD601A	TRANSISTOR	3	
Q9074	2SK2731T146	FET	1	
Q9076	2SD601A	TRANSISTOR	1	
Q9078	2SD601A	TRANSISTOR	1	
Q9201,02	2SD601A	TRANSISTOR	2	
Q9300-04	2SD601A	TRANSISTOR	5	
Q9500,01	B1MBCDA00002	TRANSISTOR	2	
Q9502	B1ABMD000004	TRANSISTOR	1	
Q9703-07	2SD601A	TRANSISTOR	5	
Q9708	2SK2731T146	FET	1	
Q9709-13	2SD601A	TRANSISTOR	5	
Q9951	2SD601A	TRANSISTOR	1	
R301	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R308	MPC5WR27KS	METAL PLATE RESISTOR	1	
R311	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R312	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R313	ERJ14YJ100	M 10 OHM, J,1/4W	1	
R314	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R320	ERJ14YJ753	M 75KOHM,J, 1/2W	1	
R321-23	MPC5WR68KS	METAL PLATE RESISTOR	3	
R325	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R326-29	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R330	ERJ12YJ220	M 22 OHM,J, 1/2W	1	
R339	ERJ12YJ330	M 33 OHM,J, 1/2W	1	
R340,41	ERJ12YJ333	M 33KOHM,J, 1/2W	2	
R342	ERJ6ENF5620	M 562 OHM, 1/10W	1	
R343	ERJ12YJ333	M 33KOHM,J, 1/2W	1	
R344	ERJ12YJ330	M 33 OHM,J, 1/2W	1	
R345	ERJ12YJ333	M 33KOHM,J, 1/2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R346,47	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R349	ERJ12YJ220	M 22 OHM,J, 1/2W	1	
R350-53	ERJ6ENF6192	M61.9KOHM, 1/10W	4	
R354,55	ERJ6ENF1303	M 130KOHM, 1/10W	2	
R356,57	ERJ14YJ753	M 75KOHM,J, 1/2W	2	
R358	ERG2SJ150	M 15 OHM, J, 2W	1	
R359	ERJ14YJ753	M 75KOHM,J, 1/2W	1	
R360	ERG2SJ150	M 15 OHM, J, 2W	1	
R361	ERJ14YJ753	M 75KOHM,J, 1/2W	1	
R364	ERG2SJ683	M 68KOHM, J, 2W	1	
R365	ERJ3GSYJ332	M 3.3KOHM,J,1/16W	1	
R366,67	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R368	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R369-71	ERJ6GEYJ823	M 82KOHM,J,1/10W	3	
R373-76	ERJ14YJ753	M 75KOHM,J, 1/2W	4	
R379	ERJ12YJ473	M 47KOHM,J, 1/2W	1	
R381	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R382,83	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R384	ERJ6GEYJ393	M 39KOHM,J,1/10W	1	
R386-89	ERJ6ENF1052	M10.5KOHM, 1/10W	4	
R394	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
R395,96	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R397-99	ERJ14YJ753	M 75KOHM,J, 1/2W	3	
R401	ERJ3GSYJ103	M 10KOHM,J,1/16W	1	
R405	MPC5WR39KS	METAL PLATE RESISTOR	1	
R406	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R407	ERJ14YJ334	M 330KOHM, 1/2W	1	
R408	SG734K271	CHIP RESISTOR	1	
R410	ERJ14YJ332	M 33KOHM, J,1/4W	1	
R411	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R412	ERJ14YJ472	M 4.7KOHM,J, 1/2W	1	
R413,14	ERJ14YJ334	M 330KOHM, 1/2W	2	
R415,16	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R426	ERJ14YJ470	M 47 OHM,J, 1/2W	1	
R429-31	ERJ6GEYJ563	M 56KOHM,J,1/10W	3	
R432	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R456	ERJ6ENF4302	M 43KOHM, 1/10W	1	
R457,58	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R459	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R460	ERG2SJ331	METAL OXIDE RESISTOR	1	
R473	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R475,76	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R480	ERG2SJ561	M 560 OHM, J, 2W	1	
R481	ERJ6ENF4302	M 43KOHM, 1/10W	1	
R482	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R508,09	ERJ12YJ100	M 10 OHM,J, 1/2W	2	
R510	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R558	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R559	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R561	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R562	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R563	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R564,65	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R602,03	5K150JA	WIREWOUND RESISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R606	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R607	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R608	ERG3FJS820D	M 82 OHM, J, 3W	1	
R613,14	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R615-17	MPC5WR22KS	METAL PLATE RESISTOR	3	
R618	ERG3FJS820D	M 82 OHM, J, 3W	1	
R620	ERJ12YJ680	M 68 OHM,J, 1/2W	1	
R621	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R626	ERJ12YJ680	M 68 OHM,J, 1/2W	1	
R627	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R628	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R629	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R630	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R631	MPC5WR22KS	METAL PLATE RESISTOR	1	
R632,33	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R634-37	ERJ6ENF2553	M 255KOHM, 1/10W	4	
R638	ERJ6ENF2493	M 249KOHM, 1/10W	1	
R640,41	ERJ6ENF5493	M 549KOHM, 1/10W	2	
R642	ERJ6ENF2493	M 249KOHM, 1/10W	1	
R644	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R646	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R649	ERJ6ENF5493	M 549KOHM, 1/10W	1	
R653-55	ERJ6GEYJ183	M 18KOHM,J,1/10W	3	
R677	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R678	ERJ12YJ680	M 68 OHM,J, 1/2W	1	
R679	ERJ12YJ151	M 150 OHM,J, 1/2W	1	
R681,82	ERJ6GEYJ824	M 820KOHM,J,1/10W	2	
R683	ERC12ZGK185D	S 1.8MOHM, K,1/2W	1	
R801	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R802	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R803	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R804	ERJ3GEYJ394	M 390KOHM,J,1/16W	1	
R805	ERJ3EKF8452	M84.5KOHM, 1/16W	1	
R806	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R808,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R810	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R811	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R812	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R813	ERJ3EKF4222	M42.2KOHM, 1/16W	1	
R814	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R815	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R816,17	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R818	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R819	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R820	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R821	ERJ3EKF2432	M24.3KOHM, 1/16W	1	
R822	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R823	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R824	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R825-27	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	3	
R850	ER0S2CKF4701	M 4.7KOHM, F,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R851	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R852	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R853	ERDS2TJ471	C 470 OHM, J,1/4W	1	
R854	ERDS2TJ122	C 1.2KOHM, J,1/4W	1	
R856	ERDS2TJ122	C 1.2KOHM, J,1/4W	1	
R858	ERDS2TJ122	C 1.2KOHM, J,1/4W	1	
R862	ER0S2CHF7501	M 7.5KOHM, F,1/4W	1	
R863	ER0S2CKF9100	M 910 OHM, F,1/4W	1	
R1301,02	ERJ12YJ333	M 33KOHM,J, 1/2W	2	
R1500	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF302	M 3.0KOHM, 1/16W	1	
R1512	ERJ3GEYF472	M 4.7KOHM, 1/16W	1	
R1513	ERJ3GEYF822	M 8.2KOHM,J,1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R2351-54	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2355-60	ERDS1FJ2R2	C 2.2 OHM, J,1/2W	6	
R2365	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2367	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2368,69	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R2370	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R2371,72	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2374	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2376	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2377	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2383	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2384	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2385	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2386	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2387	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2388	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2389-92	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2393	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R2394-96	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R2397	ERJ6GEYJ512	M 5.1KOHM,J,1/10W	1	
R2398	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2399,00	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2404-07	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2408-11	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R2412	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2413	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2414	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2415	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2416	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2417	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2418,19	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2420	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2421,22	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R2423	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3001	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3001	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3002	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)
R3002	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3003	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3003	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3004	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3004	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3005	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3005	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3006	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3006	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3007	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3007	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(HB)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3009	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3009	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3010	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3010	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3011	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	(J)
R3011	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3012	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3012	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(HB)
R3013	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	(J)
R3013	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3014	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3014	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(HB)
R3015	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3015	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3016	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3016	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3017	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3017 03	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3018	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3018	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3019	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3019	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3020	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3020	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3021	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3021	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3022	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3022	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3023	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3023	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(HB)
R3024	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3024	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3025	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3025	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3027,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3028	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3029	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3029 02	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3030	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3030	ERJ3EKF3900	M 390 OHM, 1/16W	1	(HB)
R3031	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3031	ERJ3EKF4700	M 470 OHM, 1/16W	1	(HB)
R3032	ERJ3EKF1200	M 120 OHM, 1/16W	1	(HB)
R3032,33	J0JCC0000100	CHIP INDUCTOR	2	(J)
R3033	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3034	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3035	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3035	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3036	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3036	ERJ6ENF1800	M 180 OHM, 1/10W	1	(HB)
R3037	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3037	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3038	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3038	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	(HB)
R3039	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3040	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3040	ERJ3EKF3300	M 330 OHM, 1/16W	1	(HB)
R3041	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3041	ERJ3EKF1800	M 180 OHM, 1/16W	1	(HB)
R3042	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3042	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	(HB)
R3043	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3043	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3044	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3044	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3045	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3046	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3046	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3047	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3048	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3048	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3049	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3049	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3050	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3050	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3051	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3051	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3052	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3052	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3053	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3053	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3054	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3054	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3055	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3055	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3056	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3056	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3057	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3057	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3058	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3058	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3059	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3061	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3061	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3062	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3062	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3063	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3064	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3065	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3065-69	ERJ6GEYJ560	M 56 OHM,J,1/10W	5	(J)
R3070-75	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3076-81	ERJ6GEYJ560	M 56 OHM,J,1/10W	6	
R3082	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3088-93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3101	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3101	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3102	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3102,03	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3104	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3104,05	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3106	ERJ6ENF1800	M 180 OHM, 1/10W	1	(HB)
R3106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3110	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3111	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R3114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3115	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3116	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3116	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3117	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3117	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3118	ERJ6ENF8200	M 820 OHM, 1/10W	1	(J)
R3118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3119	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3121	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3122	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R3123	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R3124	ERJ3EKF10R0	M 10 OHM, 1/16W	1	
R3125	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	(J)
R3125	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3126	J0JCC0000100	CHIP INDUCTOR	1	
R3128,29	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	(J)
R3129	ERJ6ENF12R0	M 12 OHM, 1/10W	1	(HB)
R3130,31	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	
R3134	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R3134	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3135	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3136-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3140	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3140	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3141	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3141	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3142,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3143,44	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3145	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3147	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3148	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3148	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3149	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	(J)
R3149	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3150,51	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	(J)
R3151	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3152	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3152	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3154,55	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3156	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3157	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3158	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3159	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3160	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3160	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3161	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3161	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3163	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3163	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R3164-67	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3168	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R3169-72	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3173	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3177	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3178	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3179	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3180	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3181	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3182	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3183	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3184	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3185	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3188	ERJ6ENF39R0	M 39 OHM, 1/10W	1	
R3189	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3189,90	ERJ6ENF39R0	M 39 OHM, 1/10W	2	(J)
R3192,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3194,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3195,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3197,98	ERJ3GEYJ123	M 12KOHM,J,1/16W	2	
R3212-15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3216-19	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3230,31	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3252	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3253	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3254,55	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3300,01	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3302	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3303,04	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3305	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3307	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3308,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3313	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3314,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3319	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3337,38	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3508,09	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3510,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3547,48	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3790,91	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6000-03	ERJ14YJ5R6U	M 6.2OHM, 1/4W	4	
R6012	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6013	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6014,15	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6020,21	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6032	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6033	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6034,35	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R604,05	ERDS1TJ474	C 4.7KOHM, J,1/2W	2	
R6040-43	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6047,48	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6052	ERJ6ENF1182	M11.8KOHM, 1/10W	1	
R6053-58	ERJ6GEYJ151	M 150 OHM,J,1/10W	6	
R6060	EXB38V470J	RESISTOR ARRAY	1	
R6061	EXB38V472J	RESISTOR ARRAY	1	
R6062	EXB38V470J	RESISTOR ARRAY	1	
R6063	EXB38V472J	RESISTOR ARRAY	1	
R6064,65	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6066	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6067,68	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	2	
R6069	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6070,71	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6072	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6073,74	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6075,76	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6079	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6080	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R6081,82	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R609-12	ERJ6ENF1213	M 121KOHM, 1/10W	4	
R6100-05	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6124	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6125	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6126,27	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R613,14	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R615-17	MPC5WR22KS	METAL PLATE RESISTOR	3	
R6137-39	ERJ6ENF6802	M 68KOHM, 1/10W	3	
R6140-45	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6176	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6177	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6178,79	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6190,91	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6195,96	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6197,98	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6199	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6200	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6202	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6210	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6211,12	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6213	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6214,15	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6216,17	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6219	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6221	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6223	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6225	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6227	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6228	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6229	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6231	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R6232	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6233,34	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6235	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6236,37	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6238,39	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6240	ERJ6ENF6982	M69.8KOHM, 1/10W	1	
R6241	ERJ6ENF1182	M11.8KOHM, 1/10W	1	
R6242	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6243	ERJ6ENF3832	M38.3KOHM, 1/10W	1	
R6244	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6245	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6246	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6247,48	ERF15ZJ181	W 180 OHM, 15W	2	
R6249	ERJ6ENF1182	M11.8KOHM, 1/10W	1	
R6250,51	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6252	ERF15ZJ181	W 180 OHM, 15W	1	
R6253	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6254	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6255	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6257,58	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6259,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6261	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6263	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6264	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6265	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6266	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6267,68	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6269	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6270	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6271,72	ERG2FJS101D	M 100 OHM, J, 2W	2	
R6274	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6275	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6276-78	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6280	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6281	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6282-84	ERJ6GEYJ273	M 27KOHM,J,1/10W	3	
R6291	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6292	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6293	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R6298	EXB38V470J	RESISTOR ARRAY	1	
R6299	EXB38V472J	RESISTOR ARRAY	1	
R6361-64	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6367,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6375-77	ERJ6ENF6802	M 68KOHM, 1/10W	3	
R6378	ERJ6ENF6202	M 62KOHM, 1/10W	1	
R6379	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6382,83	ERX12SJ1R2	M 1.2 OHM, J,1/2W	2	
R6385	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R6386	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R6387	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6388	ERG2FJS563D	M 56KOHM, J, 2W	1	
R6390	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6411,12	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6415	EXB38V470J	RESISTOR ARRAY	1	
R6416	EXB38V472J	RESISTOR ARRAY	1	
R6417	EXB38V470J	RESISTOR ARRAY	1	
R6418	EXB38V472J	RESISTOR ARRAY	1	
R6419	EXB38V470J	RESISTOR ARRAY	1	
R6420	EXB38V472J	RESISTOR ARRAY	1	
R6421	EXB38V470J	RESISTOR ARRAY	1	
R6422	EXB38V472J	RESISTOR ARRAY	1	
R6429,30	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6431,32	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6433	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6434,35	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	2	
R6436	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6437,38	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6439	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6440	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6441	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6444-48	ERJ6GEYJ471	M 470 OHM,J,1/10W	5	
R6449	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6450	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6451	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6452,53	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6454	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6455	ERJ14YJ163U	M 16KOHM, J,1/4W	1	
R6458	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6459	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6460	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6462	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6463	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6464	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R6465	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6466	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R6467	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6468	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6470	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6471,72	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6473,74	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6475	ERJ6GEYF103	M 10KOHM,F,1/10W	1	
R6476	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6477	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6478-83	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	6	
R6484	EXB38V470J	RESISTOR ARRAY	1	
R6488	EXB38V470J	RESISTOR ARRAY	1	
R6501-06	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6525-30	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6561	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6562	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R656-59	ERJ6GEYJ824	M 820KOHM,J,1/10W	4	
R6569	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6573	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6574	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6585,86	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6601,02	ERX3FJS2R2D	M 2.2 OHM, J, 3W	2	
R6603-05	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R6611	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6612	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6613	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6614	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6615,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6617	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6619,20	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6621	ERJ6GEYJ680	M 68 OHM,J,1/10W	1	
R6622	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6625-32	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6662	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6664	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6667	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6668	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6669	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6671	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6674	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6675	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6686,87	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6696-99	ERJ14YJ5R6U	M 6.2OHM, 1/4W	4	
R6711	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6712	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6713	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6716-21	ERJ6GEYJ100	M 10 OHM,J,1/10W	6	
R6735-37	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6738	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6739	ERJ6GEYJ202	M 2KOHM,J,1/10W	1	
R6740	ERJ6GEYJ203	M 20KOHM,J,1/10W	1	
R6741	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6742	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6743	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6744,45	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6746	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6747,48	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6751-53	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	3	
R6755	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6756	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6757	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6758	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6759	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6760	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6761	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6762	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6763,64	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6804,05	ERJ6GEYJ563	M 56KOHM,J,1/10W	2	
R6806	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6807-09	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R6810	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	1	
R6824	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6825,26	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6827	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6828,29	ERJ12YJ104U	M 100KOHM, 1/2W	2	
R6830	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6831,32	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6833	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6834	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R6835,36	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6837	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6838	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6839	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6840,41	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6842	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6843	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6844	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6845	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	1	
R6846	ERX3FJS8R2D	M 8.2 OHM, J, 3W	1	
R6847	ERG2FJS683D	M 68KOHM, J, 2W	1	
R6848	ERDS1FJ4R7	C 4.7 OHM, J,1/2W	1	
R6851	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6852	ERG2FJS101D	M 100 OHM, J, 2W	1	
R6853	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6854	ERJ14YJ433U	M 43KOHM, 1/2W	1	
R6855	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6856	ERJ6ENF6202	M 62KOHM, 1/10W	1	
R6857,58	ERJ6ENF2491	M2.49KOHM, 1/10W	2	
R6859	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6860	ERG3FNJS8R2E	M 8.2 OHM, J, 3W	1	
R6861	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6862	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R6863	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R6864	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6866	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6867	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6869	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6870	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6871	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6872,73	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6874	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6876	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6886	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6901-06	ERJ6GEYJ221	M 220 OHM,J,1/10W	6	
R6907,08	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6909	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6910	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6911	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6921-26	ERJ6GEYJ221	M 220 OHM,J,1/10W	6	
R6927-30	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6931,32	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R7101	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7102	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7104	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R7107	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R7109	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7111	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7113	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7115	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7116,17	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7123	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7127	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7131	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7133	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7134-37	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7138-40	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7141-46	EXB38V102J	RESISTOR ARRAY	6	
R7159-64	EXB38V470J	RESISTOR ARRAY	6	
R7171	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7184,85	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7186	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7187	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7205,06	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7208	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7210,11	TAJAAH0101JV	M 100 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7215	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7225	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7227	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7230	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7235	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7236,37	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7238	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7244	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7250	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7252-55	EXB38V102J	RESISTOR ARRAY	4	
R7256	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7257-60	EXB38V102J	RESISTOR ARRAY	4	
R7262	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7263	ERJ12Y0R00	M 0 OHM,J, 1/2W	1	
R7266	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7267	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7268	ERJ12Y0R00	M 0 OHM,J, 1/2W	1	
R7270,71	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R7272,73	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7274,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7276,77	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7280,81	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7282,83	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7288,89	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7290,91	EXB38V470J	RESISTOR ARRAY	2	
R7294-99	EXB38V470J	RESISTOR ARRAY	6	
R7301,02	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7303-10	EXB38V470J	RESISTOR ARRAY	8	
R7337-40	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7341,42	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7343	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7345,46	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7347	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7354,55	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R7360,61	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7364,65	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7366,67	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R7373,74	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7377,78	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7381,82	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7383,84	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7385	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7386	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7387	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7392-99	EXB38V102J	RESISTOR ARRAY	8	
R7401	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7404	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7405-08	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7409-12	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7413-20	EXB38V470J	RESISTOR ARRAY	8	
R7444	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7446	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7460,61	TAJAAH0101JV	M 100 OHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7464,65	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7468,69	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7470,71	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R7472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7477,78	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7481,82	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7485,86	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	2	
R7487,88	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7490	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7492-99	EXB38V102J	RESISTOR ARRAY	8	
R7502	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7503	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7504	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7506	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7507,08	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7509	ERJ12Y0R00	M 0 OHM,J, 1/2W	1	
R7511	ERJ12Y0R00	M 0 OHM,J, 1/2W	1	
R7514	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7516	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7517	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7522,23	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7525	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7527	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7528	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7530	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7532	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7533	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7534-41	EXB38V102J	RESISTOR ARRAY	8	
R7542-45	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R7546,47	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R7550-53	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7554,55	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7556-63	EXB38V470J	RESISTOR ARRAY	8	
R7564	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7566	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7568	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7569	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7592,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R7604	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R7605	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R7606	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R7607	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R7609	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7611	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7613	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7615	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7616,17	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R7624	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7628	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7632	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	1	
R7634	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R7637-42	EXB38V470J	RESISTOR ARRAY	6	
R7643-46	ERJ3GEY0R00	M 0 OHM, 1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7647-49	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7650-55	EXB38V102J	RESISTOR ARRAY	6	
R7677	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7680	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7685	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7686	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7687	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R8001-04	J0JCC0000100	CHIP INDUCTOR	4	
R8009-12	ERJ3GEYJ271	M 270 OHM,J,1/16W	4	
R8017-18	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R8021	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8025	J0JCC0000100	CHIP INDUCTOR	1	
R8026	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R8029	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R8031	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R8033	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R8035	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R8037,39	ERJ6ENF4701	M 4.7KOHM, 1/10W	2	
R8041	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8045,46	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8047	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8048	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8050,51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8055,56	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8057	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8058,59	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8065	D0GB911JA002	M 910 OHM,J,1/16W	1	
R80678	D0GB911JA002	M 910 OHM,J,1/16W	1	
R8069	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R8072	J0JCC0000100	CHIP INDUCTOR	1	
R8089	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R8093	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8097-98	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R8000	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8117-20	J0JCC0000100	CHIP INDUCTOR	4	
R8121,22	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8124-27	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R8129	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R831-35	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R8181	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8183,84	J0JCC0000100	CHIP INDUCTOR	2	
R8185,86	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8187,88	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R8189,90	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R8200	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R8201	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8202,03	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R8204	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8205	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R8206	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8207	J0JCC0000100	CHIP INDUCTOR	1	
R9001-03	EXB2HVR000	RESISTOR ARRAY	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9004	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9005	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9006	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R9007	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9009	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9010	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9011	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9012-14	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9016-19	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9020	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9021	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9023	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9028-30	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9032	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9033	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9034	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9035-38	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9039-42	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9043,44	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	2	
R9088	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9094	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9101,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9104-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9108	EXB38V103J	RESISTOR ARRAY	1	
R9109	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9110,11	EXB38V103J	RESISTOR ARRAY	2	
R9112	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9114,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9116-26	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	11	
R9127	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9129,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9131,32	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9133,34	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9137	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9139	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9140	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9142	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9144	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9145	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9149	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9151,52	D1HG1038A002	NETWORK RESISTER	2	
R9156,57	EXB2HV470JV	RESISTOR ARRAY	2	
R9158	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9159	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9171	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9175	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9179	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9205	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9207	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9209	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9211-20	TAJAAH0101JV	M 100 OHM,J,1/16W	10	
R9221,22	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9223	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9225	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9228,29	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9237	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9238	EXB38V470J	RESISTOR ARRAY	1	
R9239	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9240-44	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9249	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9250-52	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9260	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9266	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9267	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9271-73	EXB2HV470JV	RESISTOR ARRAY	3	
R9274-76	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9277-79	EXB2HV101V	RESISTOR ARRAY	3	
R9280-82	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9283	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9286	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9287,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9289	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9290	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9293-95	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9296	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9297	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9388,89	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9390	EXB38V470J	RESISTOR ARRAY	1	
R9391-93	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9394,95	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9396,97	EXB38V470J	RESISTOR ARRAY	2	
R9400-03	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9406,07	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9411	EXB2HV470JV	RESISTOR ARRAY	1	
R9412	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9413-17	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9418	EXB2HV470JV	RESISTOR ARRAY	1	
R9419	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9420	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9421,22	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9423	EXB2HV470JV	RESISTOR ARRAY	1	
R9424	EXB38V470J	RESISTOR ARRAY	1	
R9425,26	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9427	EXB2HV470JV	RESISTOR ARRAY	1	
R9428	EXB38V470J	RESISTOR ARRAY	1	
R9429,30	EXB2HV470JV	RESISTOR ARRAY	2	
R9431	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9432	EXB2HV470JV	RESISTOR ARRAY	1	
R9433	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9434	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9435	EXB2HV470JV	RESISTOR ARRAY	1	
R9436	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9437-40	EXB2HV470JV	RESISTOR ARRAY	4	
R9441,42	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9443	EXB38V470J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9444	EXB2HV470JV	RESISTOR ARRAY	1	
R9445	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9446,47	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9449	D1HG33080001	NETWORK RESISTER	1	
R9450	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9451	D1HG33080001	NETWORK RESISTER	1	
R9453	D1HG33080001	NETWORK RESISTER	1	
R9457	D1HG33080001	NETWORK RESISTER	1	
R9459	D1HG33080001	NETWORK RESISTER	1	
R9461	D1HG33080001	NETWORK RESISTER	1	
R9463	D1HG33080001	NETWORK RESISTER	1	
R9466-68	D1HG1038A002	NETWORK RESISTER	3	
R9469-72	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9473	EXB38V470J	RESISTOR ARRAY	1	
R9474	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9475	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9476	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9477	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9478	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9479	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9480	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9481	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9482	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9484	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9485	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9486	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9487	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9488	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9489	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9490	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9491	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9492	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9493	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R9494	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R9495-98	ERJ6ENF1001	M 1KOHM, 1/10W	4	
R9499	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9551,52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9553	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9554	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9556	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9557	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9558	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9559	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9560	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9562	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9567,68	EXB2HV470JV	RESISTOR ARRAY	2	
R9569	EXB38V470J	RESISTOR ARRAY	1	
R9570,71	EXB2HV470JV	RESISTOR ARRAY	2	
R9592,93	ERJ3EKF8201	M 8.2KOHM, 1/16W	2	
R9594	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R9595	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R9596	ERJ3EKF2322	M23.2KOHM, 1/16W	1	
R9597	ERJ3EKF4702	M 47KOHM, 1/16W	1	
R9599	ERJ3EKF2402	M 24KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9600	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R9603	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9604	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9606	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9607	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9608	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9609	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9610	ERJL14KJ20M	M 20 OHM, J,1/4W	1	
R9611	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9612	ERJL14KJ20M	M 20 OHM, J,1/4W	1	
R9613	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9614	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9616	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9618,19	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9620	ERJ6ENF1101	M 1.1KOHM, 1/10W	1	
R9621	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R9622,23	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9624-26	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R9627,28	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9629,30	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9633	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9636	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9638	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9642	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9644	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9651	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9653,54	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9656-59	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9660,61	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9662	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9663-65	EXB38V470J	RESISTOR ARRAY	3	
R9668,69	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9670	EXB38V470J	RESISTOR ARRAY	1	
R9671,72	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9675-78	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9679,80	EXB38V470J	RESISTOR ARRAY	2	
R9684-86	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9687	EXB38V470J	RESISTOR ARRAY	1	
R9688	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9689	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9690	EXB38V470J	RESISTOR ARRAY	1	
R9696	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9697	EXB38V470J	RESISTOR ARRAY	1	
R9698-00	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9701-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9705	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9706,07	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R9708	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9709	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9710	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9711	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9713	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9714	TAJAAH0101JV	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9715	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9718	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9720	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9722,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9725-28	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9729	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9730	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9731	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9732	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9733	EXB38V220J	RESISTOR ARRAY	1	
R9734,35	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9736	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9737	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9738	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9740	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9741	D1HG33080001	NETWORK RESISTER	1	
R9742	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9743	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9744	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9746	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9747	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9748-50	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9751,52	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9753	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9754	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9755	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9756	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9759	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9760	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9761	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9762	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9765	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9766	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9767	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9768	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9769	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9771	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9772,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9774	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9775	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9777	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9778,79	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9781	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9782	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9783	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9785	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9786	D1HG33080001	NETWORK RESISTER	1	
R9787,88	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9791	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9792	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9793	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9795	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9796	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9797	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9798	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9801	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9805	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9806	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9810	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9811	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9812	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9813	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9814	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9815	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9816	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9817	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9818	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9819	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9820,21	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9822	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9823	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9824	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9825	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9826	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9827,28	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R9829	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9832	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9833	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9834	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9836,37	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9839	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9840	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9843	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9844	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9845-48	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9849	D1HG33080001	NETWORK RESISTER	1	
R9850	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9851	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9852	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9853-55	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9857	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9859	D1HG33080001	NETWORK RESISTER	1	
R9860	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9861	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9863	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9864	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9866	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9868-70	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9871	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9872,73	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9874	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9875	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9876-79	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9880	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9881	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9882	EXB38VR000	RESISTOR ARRAY	1	
R9883	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9884	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9885	EXB38VR000	RESISTOR ARRAY	1	
R9888	D1HG33080001	NETWORK RESISTER	1	
R9890	D1HG33080001	NETWORK RESISTER	1	
R9891-93	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9894	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9895-97	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9901	D1HG33080001	NETWORK RESISTER	1	
R9907	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9908	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9909	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9910	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9911	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9912	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9913	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9914	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9915	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9916	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9917	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9918	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9919	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9923	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9924	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9971	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9973	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9974	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R9975-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R9981	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9982	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9983	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9984	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9985	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9986	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9991,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9993	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9995,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
RF601	HUF5K100J14	THERMAL RESISTOR	1	
RM001	PNA4701M05TV	REMOCO RECEIVER	1	
RTL	TNPA3003	CIRCUIT BOARD H3	1	
RTL	TNPA3003	CIRCUIT BOARD H3	1	
RTL	TNPA3630AB	CIRCUIT BOARD J	1	
RTL	TZTNP030VAS	CIRCUIT BOARD HX	1	PAVCCZ 
RTL	TXNHA10RBS	CIRCUIT BOARD HA	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TNPA2844AB	CIRCUIT BOARD HB	1	PAVCCZ 
RTL	ETXMM564MEK	CIRCUIT BOARD P	1	
RTL	TNPA3561	CIRCUIT BOARD C1	1	
RTL	TNPA3562	CIRCUIT BOARD C2	1	
RTL	TNPA3563	CIRCUIT BOARD C3	1	
RTL	TNPA3564	CIRCUIT BOARD C4	1	
RTL	TNPA3565	CIRCUIT BOARD C5	1	
RTL	TXNC610XQS	CIRCUIT BOARD C6	1	
RTL	TZTNP01YSSE	CIRCUIT BOARD D	1	PAVCCZ 
RTL	TNPA3555	CIRCUIT BOARD PB	1	
RTL	TNPA3567	CIRCUIT BOARD SC	1	
RTL	TNPA3220AB	CIRCUIT BOARD SD	1	
RTL	TNPA3568	CIRCUIT BOARD SS	1	
RTL	TNPA3559	CIRCUIT BOARD SS2	1	
RTL	TNPA3560	CIRCUIT BOARD SS3	1	
RTL	TNPA3219AB	CIRCUIT BOARD SU	1	
RTL	TNPA3641	CIRCUIT BOARD V2	1	
RTL	TNPA3640	CIRCUIT BOARD V1	1	
RTL	TNPA3642	CIRCUIT BOARD S1	1	
S34	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80B00001	80P CONNECTOR	2	
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SC90	K1KA06AA0192	6P CONNECTOR	1	
SD1-D4	K1MN96B00004	96P CONNECTOR	4	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS20,21	K1KA07A00170	7P CONNECTOR	2	
SS22,23	K1KB07AA0087	7P CONNECTOR	2	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS35	K1KA10AA0194	10P CONNECTOR	1	
SS42	K1KA10AA0194	10P CONNECTOR	1	
SS44	K1KA20AA0009	20P CONNECTOR	1	
SS51-56	K1MN13B00020	13P CONNECTOR	6	
SU1-U4	K1MN96B00004	96P CONNECTOR	4	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW061	K0F162B00002	SWITCH	1	
SW1550-54	EVQPLHA15	SWITCH	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
T301	ETB28BF1Z1AH	TRANSFORMER	1	
T401	ETB57LZ135AD	TRANSFORMER	1	
T501	ETB25KA1A8AD	TRANSFORMER	1	
T6801	ETS28AU2S9AC	SWITCHING TRANSFORMER	1	
T6802	ETS13TB199AP	SWITCHING TRANSFORMER	1	
TH351	PRFCBB471	POSISTOR	1	
V2	K1KA06BA0047	6P CONNECTOR	1	
V15	K1KA03BA0047	3P CONNECTOR	1	
VR351,52	EVMEASA00B54	VARIABLE RESISTOR	2	
VR451	EVMEASA00B53	VARIABLE RESISTOR	1	
VR6250	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6602	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6801	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X2301	H0J184500020	CRYSTAL	1	
X3101	H0J202500002	CRYSTAL	1	
X8181	H0J327200114	CRYSTAL	1	
X9500	H0J200500038	CRYSTAL	1	
X9701	H0J400400017	CRYSTAL	1	
Z501	ERZVGAD471	VARISTOR	1	
Z601	ERZVGAD751	VARISTOR	1	
Z603	ERZVGAD471	VARISTOR	1	
ZA001	K4CD01000013	TERMINAL	1	
ZA007	K4CD01000013	TERMINAL	1	
ZA3001-08	K4CD01000013	TERMINAL	8	
ZA6101-03	K4CD01000013	TERMINAL	3	
ZA6401-03	K4CD01000013	TERMINAL	3	
ZA7101-05	K4CD01000013	TERMINAL	5	
ZA7201-05	K4CD01000013	TERMINAL	5	
ZA7301-05	K4CD01000013	TERMINAL	5	
ZA7401-05	K4CD01000013	TERMINAL	5	
ZA7501-05	K4CD01000013	TERMINAL	5	
ZA7601-05	K4CD01000013	TERMINAL	5	
ZD301,02	MA8360	ZENER DIOED	2	
ZD303	MA8360	ZENER DIOED	1	
ZD304-06	MA8360	ZENER DIOED	3	
ZD307	MA8330	ZENER DIODE	1	
ZD308	MA8330	ZENER DIODE	1	
ZD309	MA4051N	ZENER DIODE	1	
ZD310	MA4020	ZENER DIODE	1	
ZD311,12	MA4270N	ZENER DIODE	2	
ZD402	PTZ24B	ZENER DIODE	1	
ZD403	MA8056	ZENER DIODE	1	
ZD404	MA8360	ZENER DIOED	1	
ZD405-09	MA8360	ZENER DIOED	5	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
ZD410	MA4220N	ZENER DIODE	1	
ZD413	MA4270N	ZENER DIODE	1	
ZD451	1ZB18	ZENER DIODE	1	
ZD510	MA8270	ZENER DIODE	1	
ZD601	MA4220N	ZENER DIODE	1	
ZD669	MA8220	ZENER DIODE	1	

19. Schematic Diagram for printing with A4

SS-BOARD (COMPONENT SIDE)							
IC		TRANSISTOR		Q6200	E-4	Q6257	B-1
IC6000	F-4	Q6000	F-3	Q6201	E-4	Q6259	B-3
IC6020	E-4	Q6001	F-3	Q6202	C-4	Q6260	B-3
IC6060	B-3	Q6010	F-3	Q6203	C-4	Q6261	B-3
IC6061	E-3	Q6011	F-3	Q6204	C-5	TP	
IC6062	C-4	Q6020	E-3	Q6210	E-4		
IC6100	F-2	Q6021	D-3	Q6211	E-5	TP15V	H-5
IC6200	E-5	Q6030	F-3	Q6212	D-4	TPDL	A-4
IC6201	D-5	Q6031	E-3	Q6213	D-4	TPDR	A-3
IC6220	F-4	Q6050	E-3	Q6220	G-5	TPSOS2	A-3
IC6221	F-4	Q6100	F-2	Q6221	G-4	TPSOS3	B-3
IC6240	B-3	Q6101	F-2	Q6223	F-4	TPSS1	C-2
IC6250	A-2	Q6102	G-2	Q6224	G-4	TPVDA	H-4
IC6251	B-3	Q6120	F-3	Q6225	G-4	TPVe	B-2
IC6252	B-1	Q6121	F-2	Q6230	G-5	TPVSUS	H-4
		Q6140	E-2	Q6231	G-5		
		Q6141	E-2	Q6232	G-4		
		Q6142	E-2	Q6233	G-4		
		Q6143	D-2	Q6240	B-4		
		Q6144	B-2	Q6250	B-2		
		Q6160	E-2	Q6251	B-2		
		Q6161	E-2	Q6256	B-1		

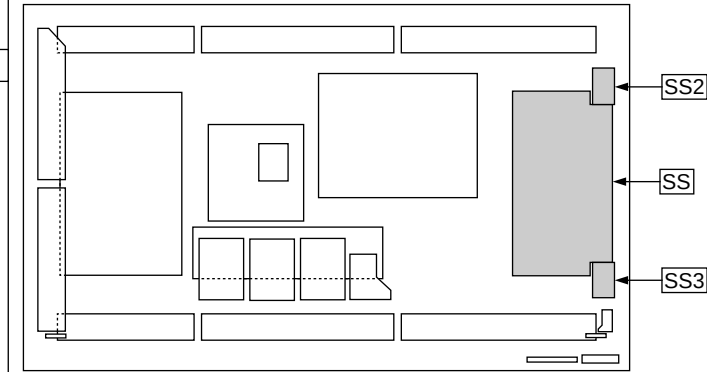


Diagram of a 35mm film canister. The top label reads "TNPA3559" and "ORDER NO.". The bottom label reads "SS551". The canister has a "PbF" (Lead-Free) symbol. Dimensions are indicated by numbers 1, 2, 3, 4, 5, 6, 7, and 8. A circular hole is shown on the right side.

Diagram of a 13-pin D-sub connector. The connector is shown with two circular mounting holes. The pin numbers and functions are labeled as follows:

- Pin 1: SS22
- Pin 2: SS22
- Pin 3: SS22
- Pin 4: SS22
- Pin 5: SS22
- Pin 6: SS22
- Pin 7: SS22
- Pin 8: SS22
- Pin 9: SS22
- Pin 10: SS22
- Pin 11: SS22
- Pin 12: SS22
- Pin 13: SS22

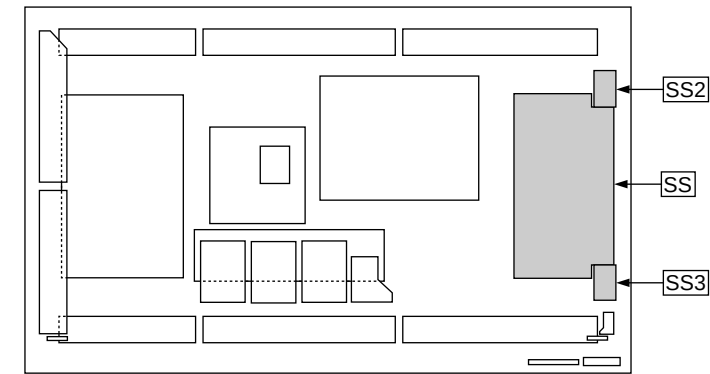
TH-50PHD8BK/BS/EK/ES
SS-BOARD TNPA3568
SS2-BOARD TNPA3559
SS3-BOARD TNPA3560

Diagram of the TNPA3559 component showing pin connections and labels. The component has two circular pads on the left and right sides. The top right pad is labeled SS23 and has pins 1, 2, 6, and 7. The bottom pad is labeled SS55 and has pins 1 and 13. A label TNPA3559 is located below the bottom pad. A label (1) SS2 is located to the right of the bottom pad. A label PDF is located to the right of the bottom pad. The text SEE REVERSE FOR ORDER NO. is located below the bottom pad.

Diagram of the back of the component showing various markings and features:

- Top center: **TNPA3560**
- Top right: **1 SS3**
- Top left: **SS22**
- Center: **SEE REVERSE FOR ORDER NO.**
- Left side: **7** (top) and **1** (bottom) next to a vertical row of 8 pins.
- Right side: **2** next to a vertical row of 8 pins.
- Bottom center: **SS56** and **13** next to a horizontal row of 13 pins.
- Bottom right: **1** next to a horizontal row of 8 pins.
- Bottom left: **PbF** (Lead-free) marking.

SS-BOARD (FOIL SIDE)							
TRANSISTOR		TP		TP17	H-3	TP6905	A-3
Q6001	C-3	TP1	B-4	TP18	H-3	TP6910	H-4
Q6000	D-3	TP2	B-5	TP19	H-3	TP6911	H-4
Q6020	E-3	TP3	B-5	TP20	H-3	TP6913	H-3
Q6021	E-3	TP4	B-5	TP21	H-3	TP6914	H-3
Q6102	C-2	TP5	B-5	TP22	H-3	TP6915	H-3
Q6101	C-2	TP6	B-5	TP23	H-3	TP6916	A-3
Q6100	D-2	TP7	B-5	TP24	E-4	TP6917	A-3
Q6140	D-2	TP8	B-4	TP25	A-2	TP6918	H-3
Q6141	E-2	TP9	A-4	TP26	B-1	TP6919	H-3
Q6142	E-2	TP10	A-4	TP27	F-1	TP6920	H-3
Q6143	E-2	TP11	A-3	TP28	H-1	TP6921	H-3
Q6240	G-4	TP12	B-4	TP29	E-1	TP6922	H-3
Q6256	G-2	TP13	H-3	TP30	F-4	TP6923	H-3
Q6257	G-1	TP14	H-3	TP31	H-2		
		TP15	H-3	TP32	H-5		
		TP16	H-3	TP33	B-4		
				TP6904	A-3		



TNPA3568

SEE REVERSE FOR ORDER NO.

1	SS	CR No.6
1	2	3

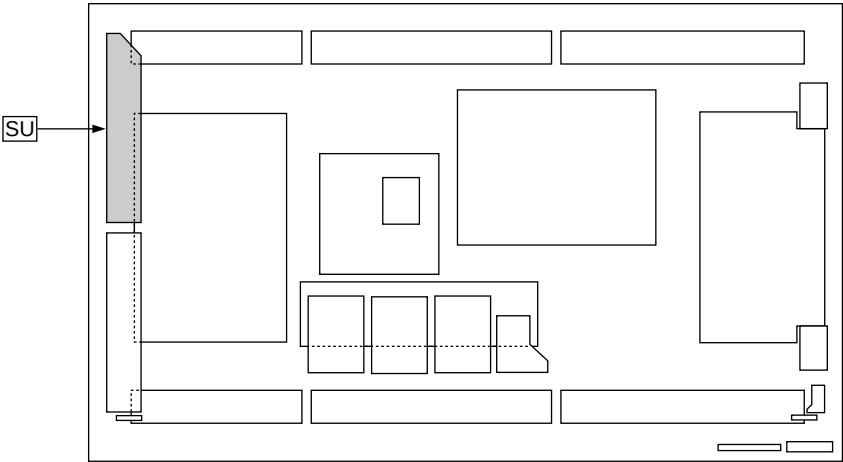
PbF

TH-50PHD8BK/BS/EK/ES
SS-BOARD TNPA3568
SS2-BOARD TNPA3559
SS3-BOARD TNPA3560

6

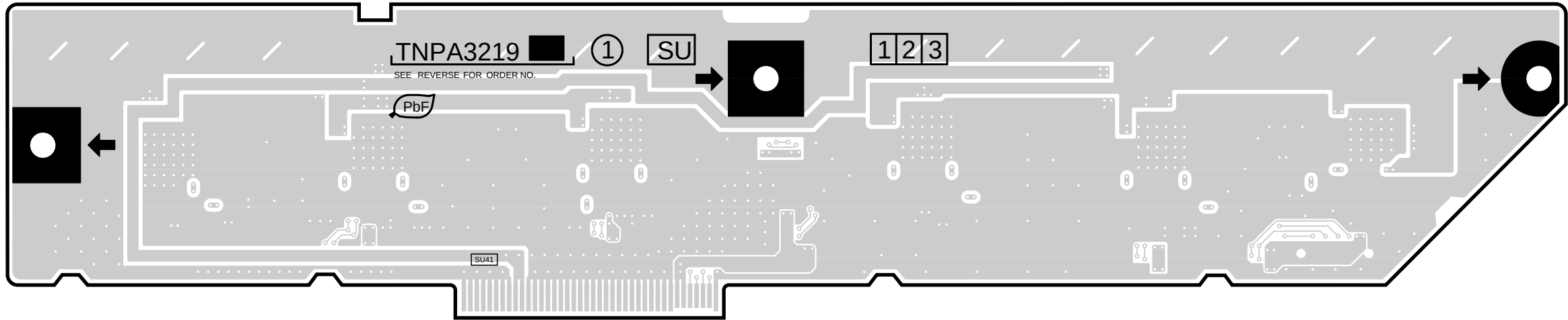
Parts Location

SU-BOARD			
IC		TP	
IC6901	B-2	TPSU1	C-2
IC6902	C-2	TPSU2	G-2
IC6903	D-2		
IC6904	F-2		
IC6905	G-2		
IC6906	H-2		



5

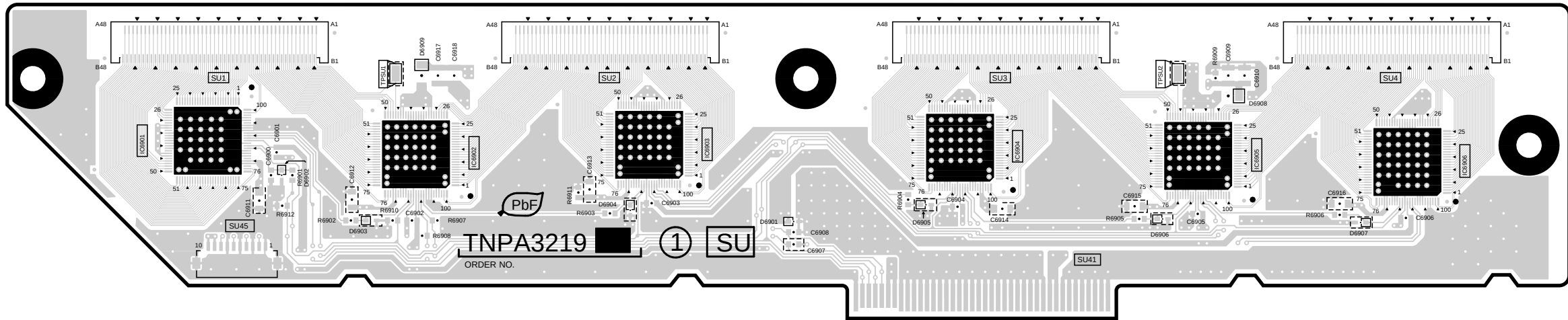
SU-BOARD(FOIL SIDE)
TNPA3219AB



4

3

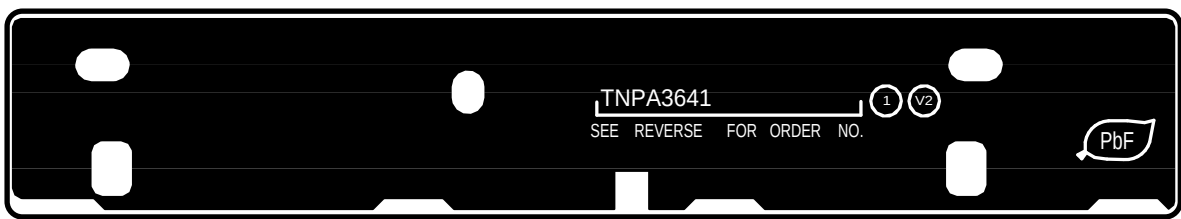
SU-BOARD(COMPONENT SIDE)
TNPA3219AB



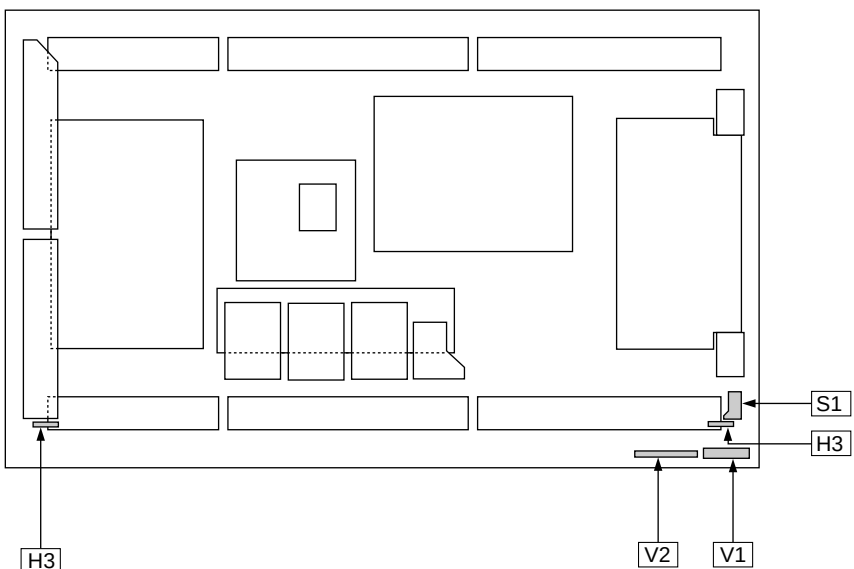
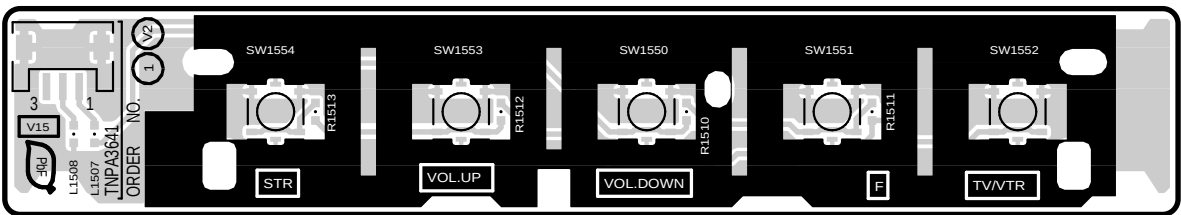
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1

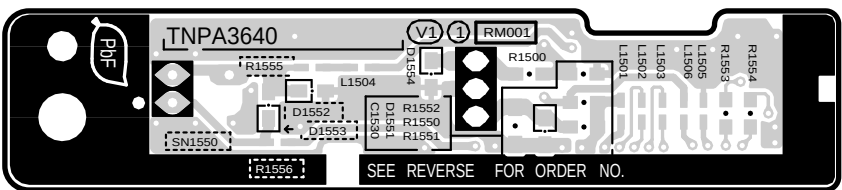
V2-BOARD(FOIL SIDE)
TNPA3641



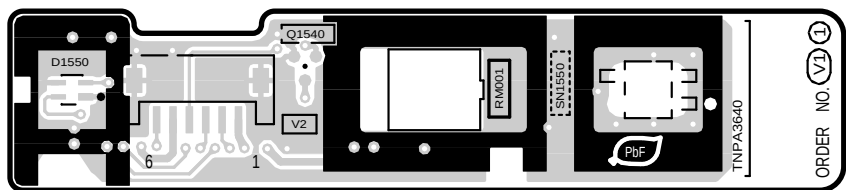
V2-BOARD(COMPONENT SIDE)
TNPA3641



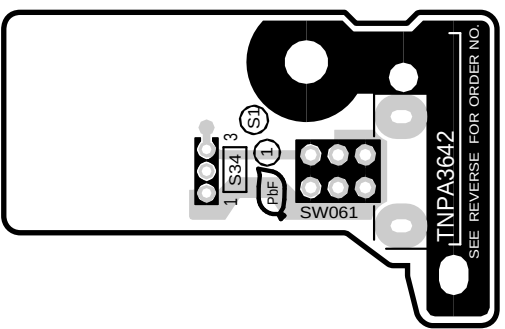
V1-BOARD(FOIL SIDE)
TNPA3640



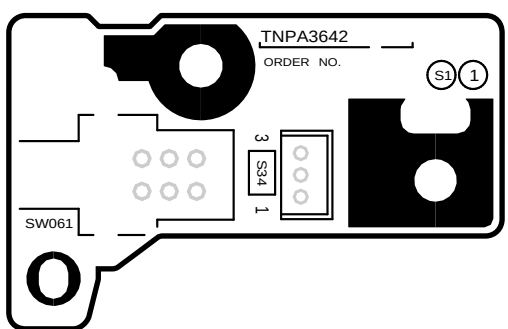
V1-BOARD(COMPONENT SIDE)
TNPA3640



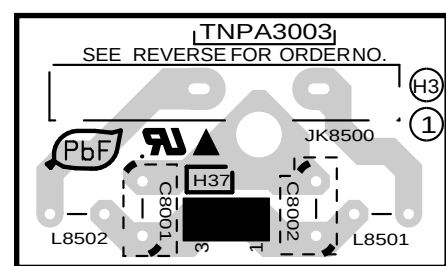
S1-BOARD(FOIL SIDE)
TNPA3642



S1-BOARD(COMPONENT SIDE)
TNPA3642

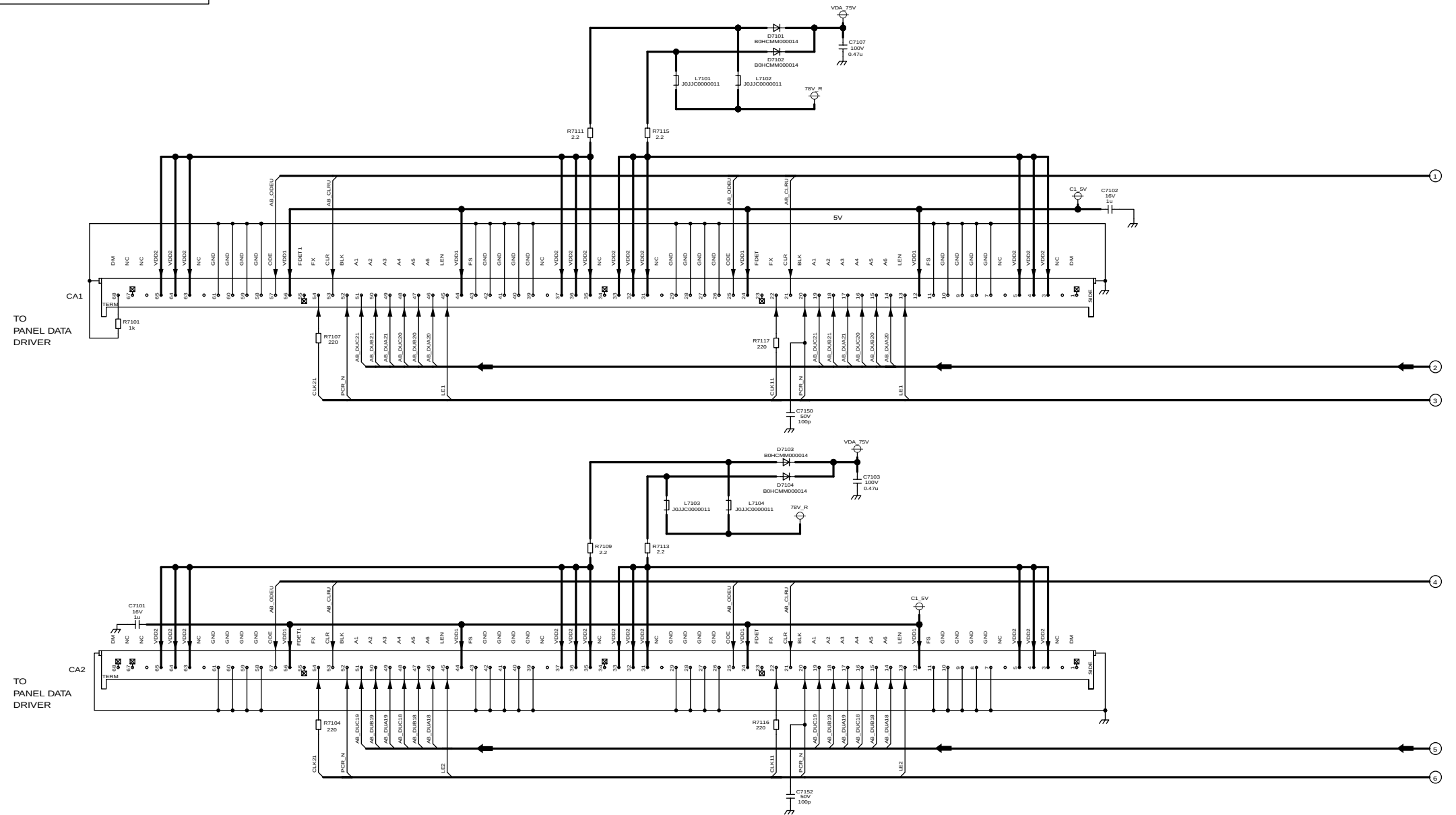


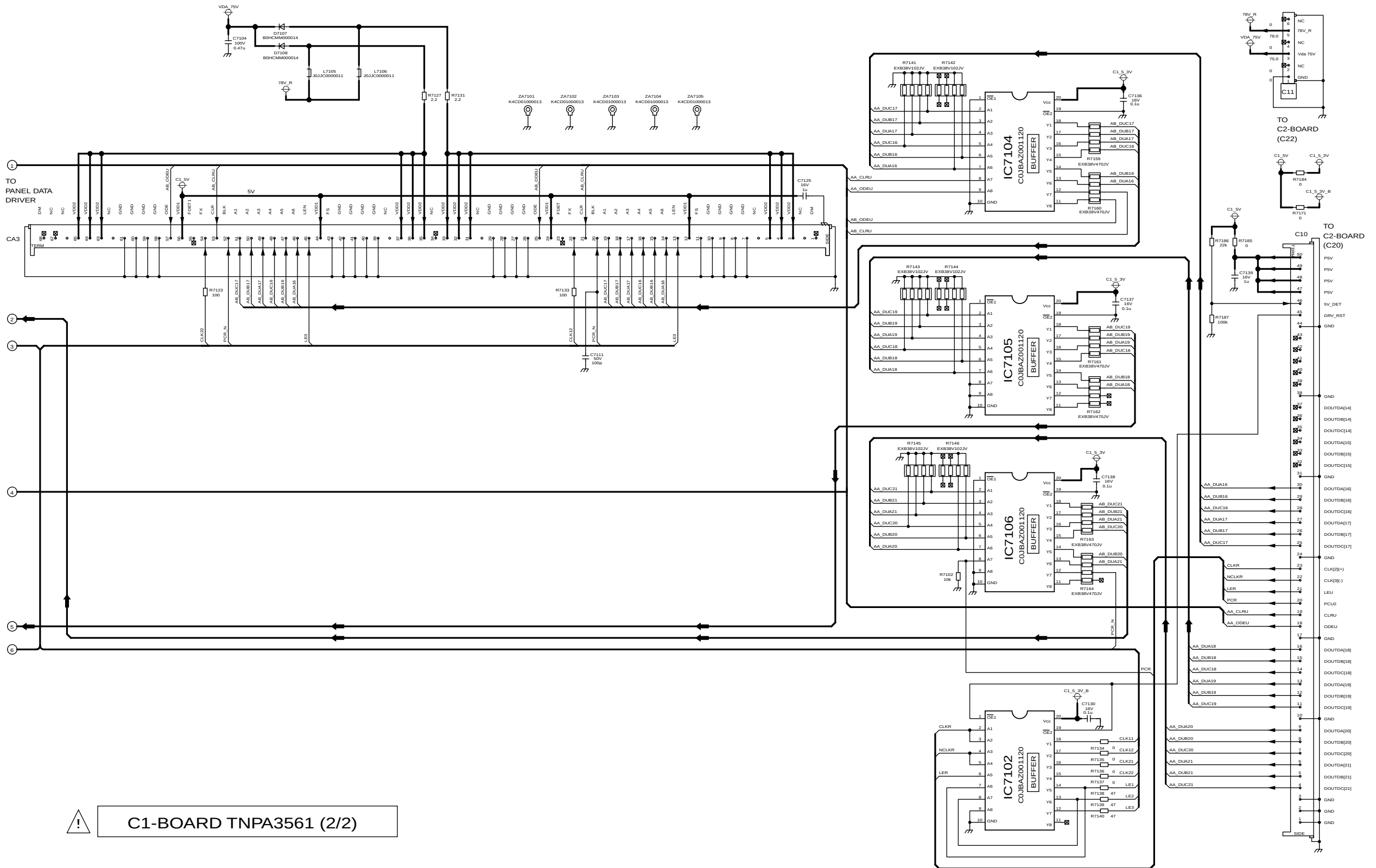
H3-BOARD
TNPA3003





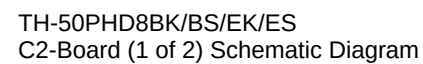
C1-BOARD TNPA3561 (1/2)

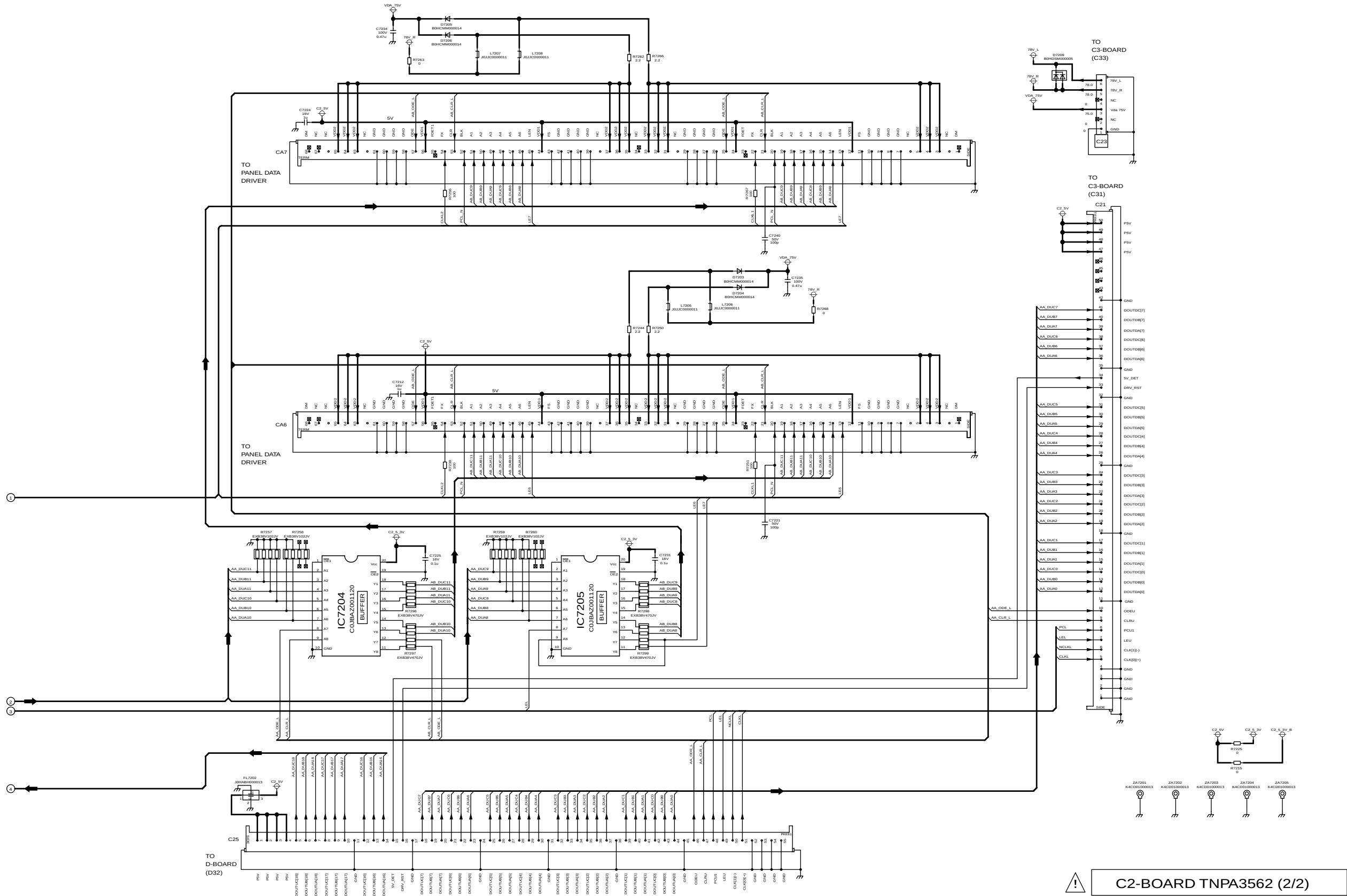




TH-50PHD8BK/BS/EK/ES
C1-Board (2 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C1-Board (2 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C2-Board (1 of 2) Schematic Diagram



TH-50PHD8BK/BS/EK/ES
C2-Board (2 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C2-Board (2 of 2) Schematic Diagram

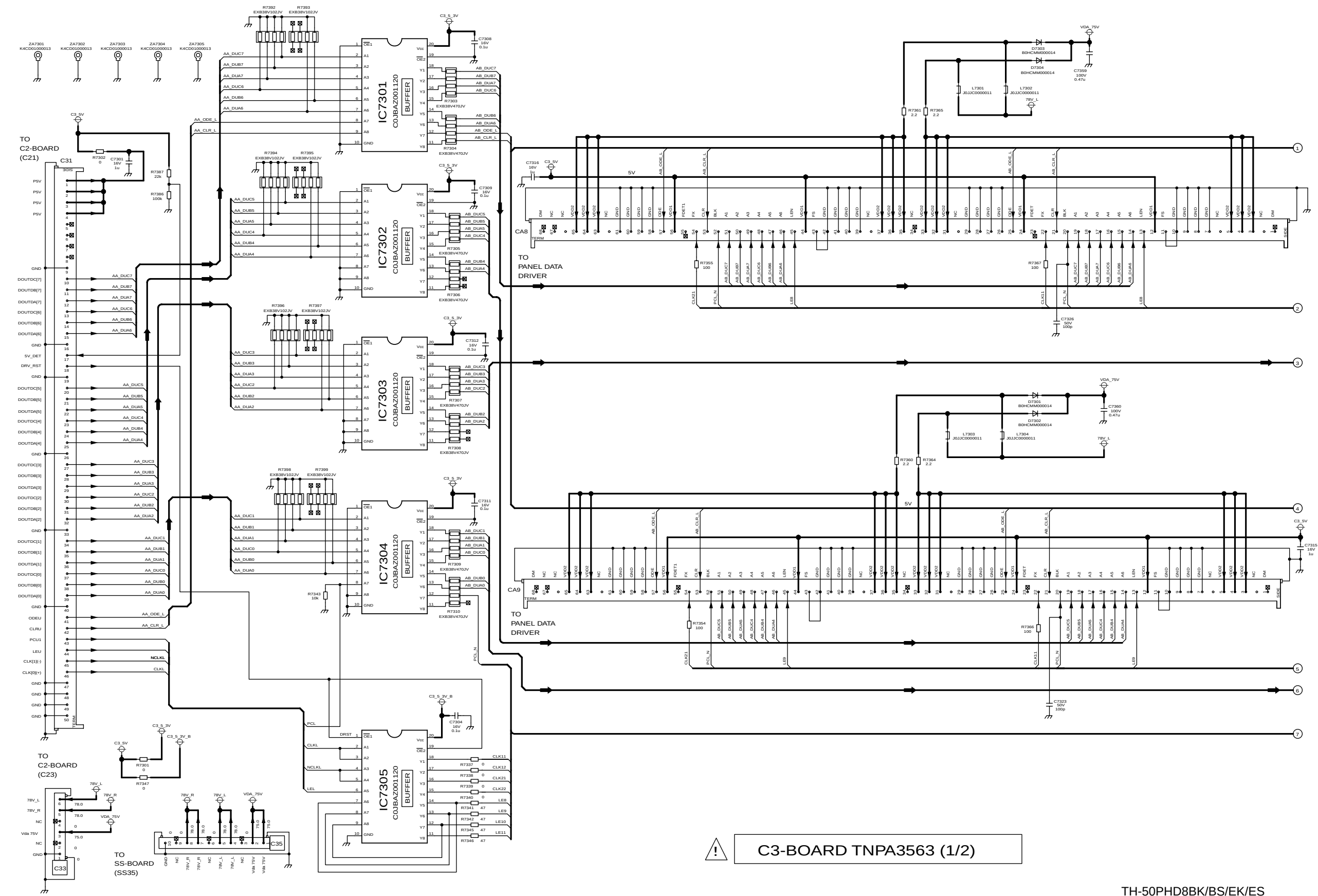
A

B

C

D

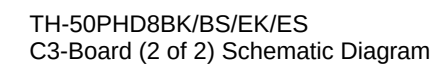
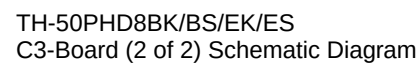
E



! C3-BOARD TNPA3563 (1/2)

TH-50PHD8BK/BS/EK/ES C3-Board (1 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C3-Board (1 of 2) Schematic Diagram



 C4-BOARD TNPA3564 (1/2)

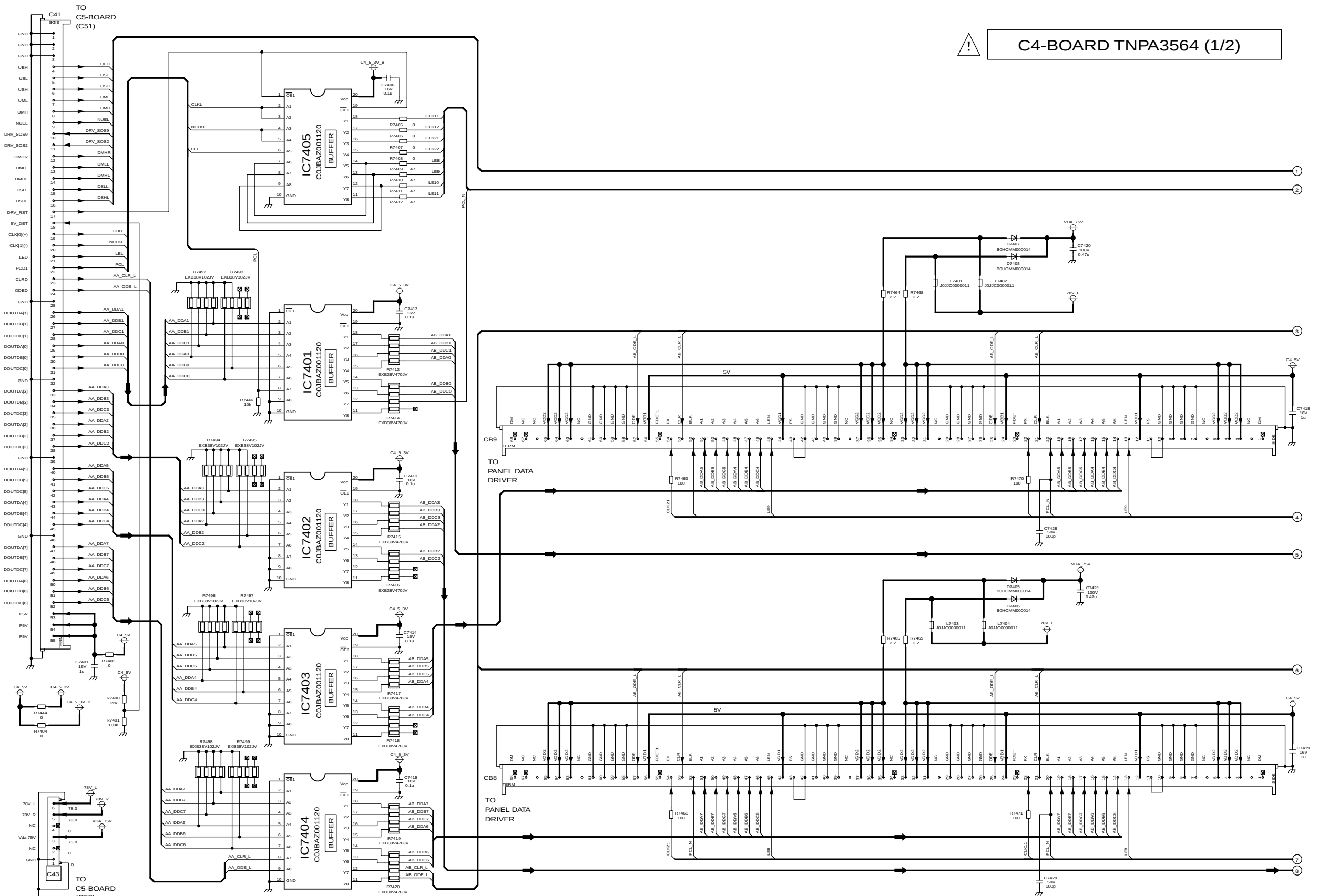
A

B

C

D

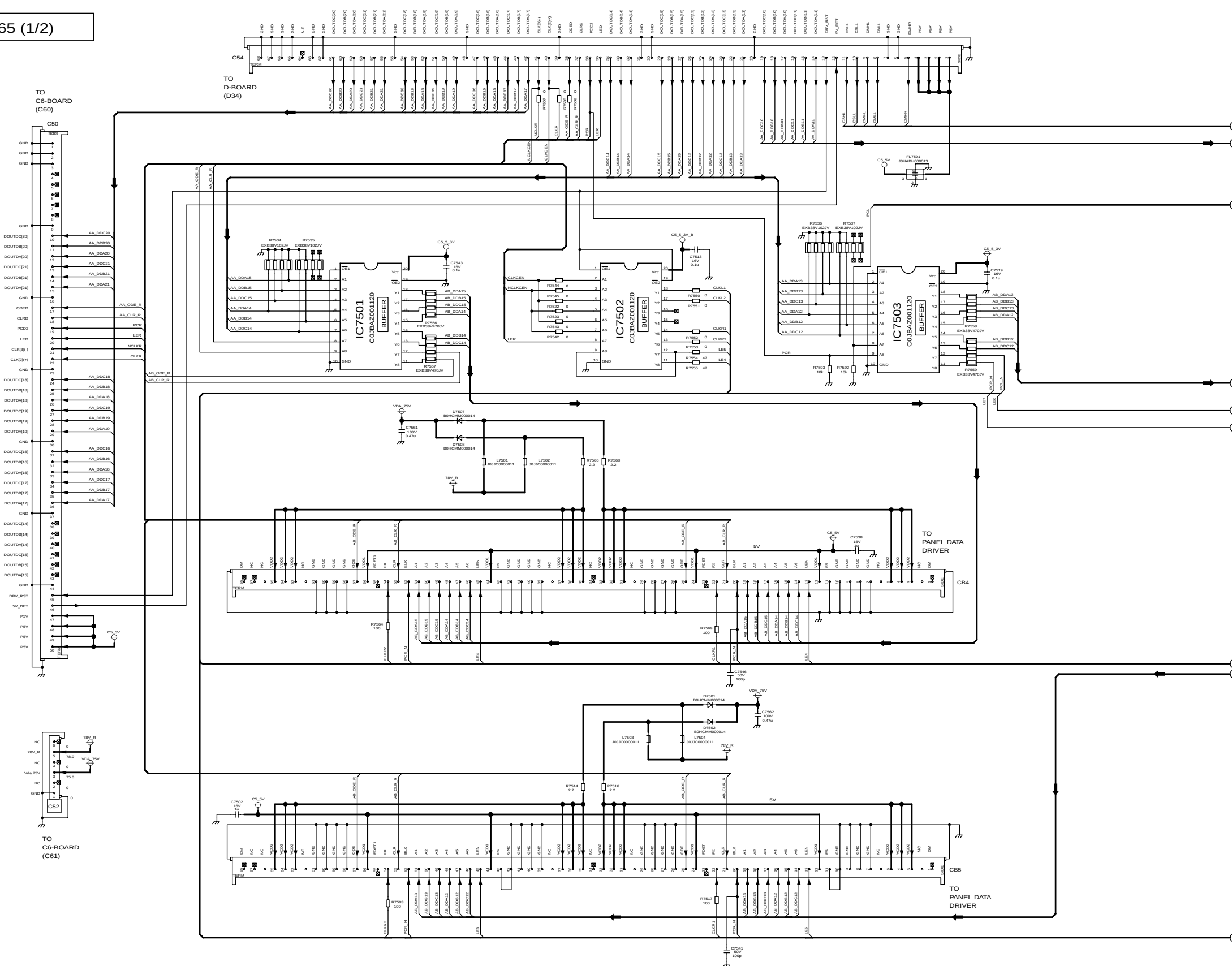
E



TH-50PHD8BK/BS/EK/ES C4-Board (1 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C4-Board (1 of 2) Schematic Diagram



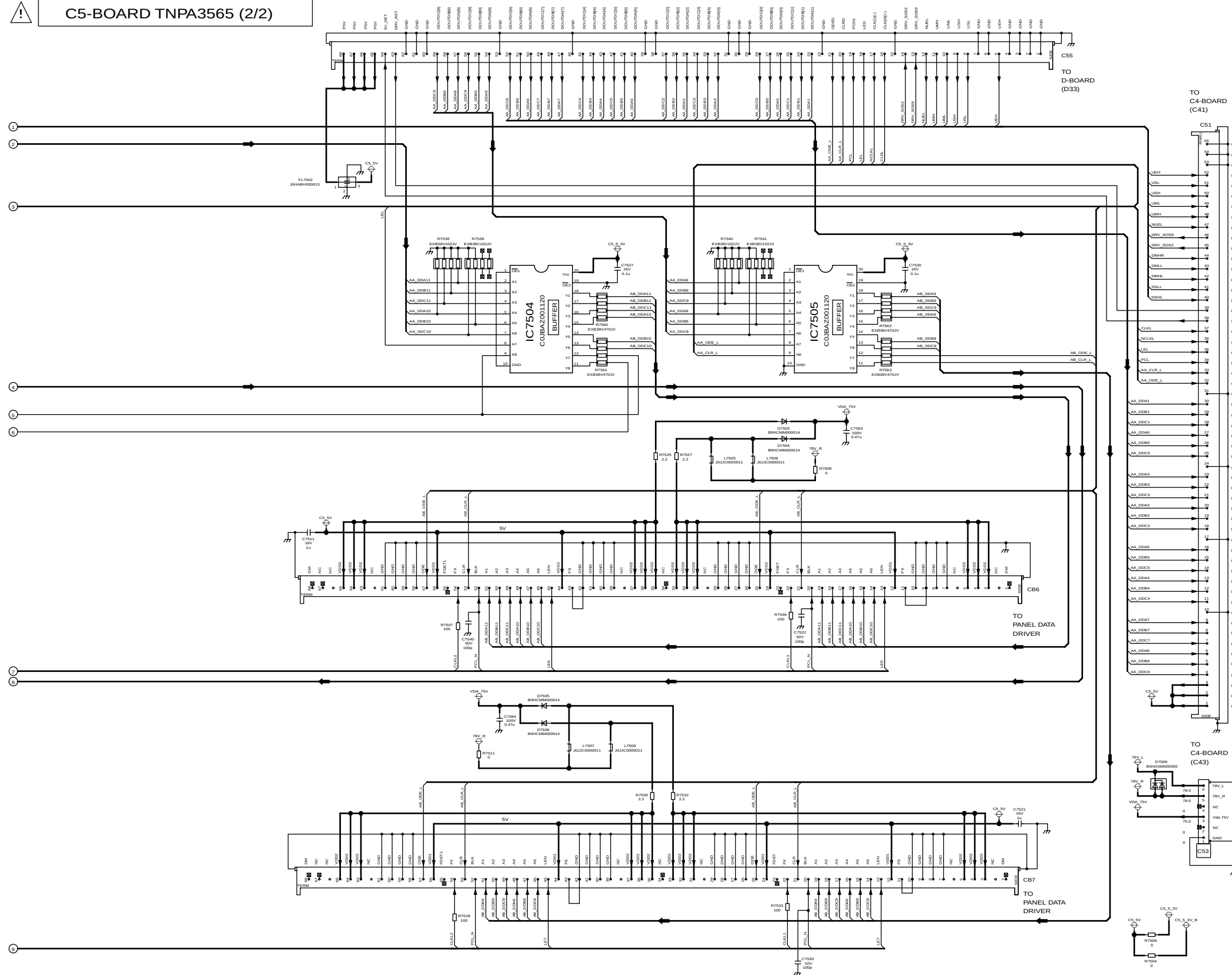


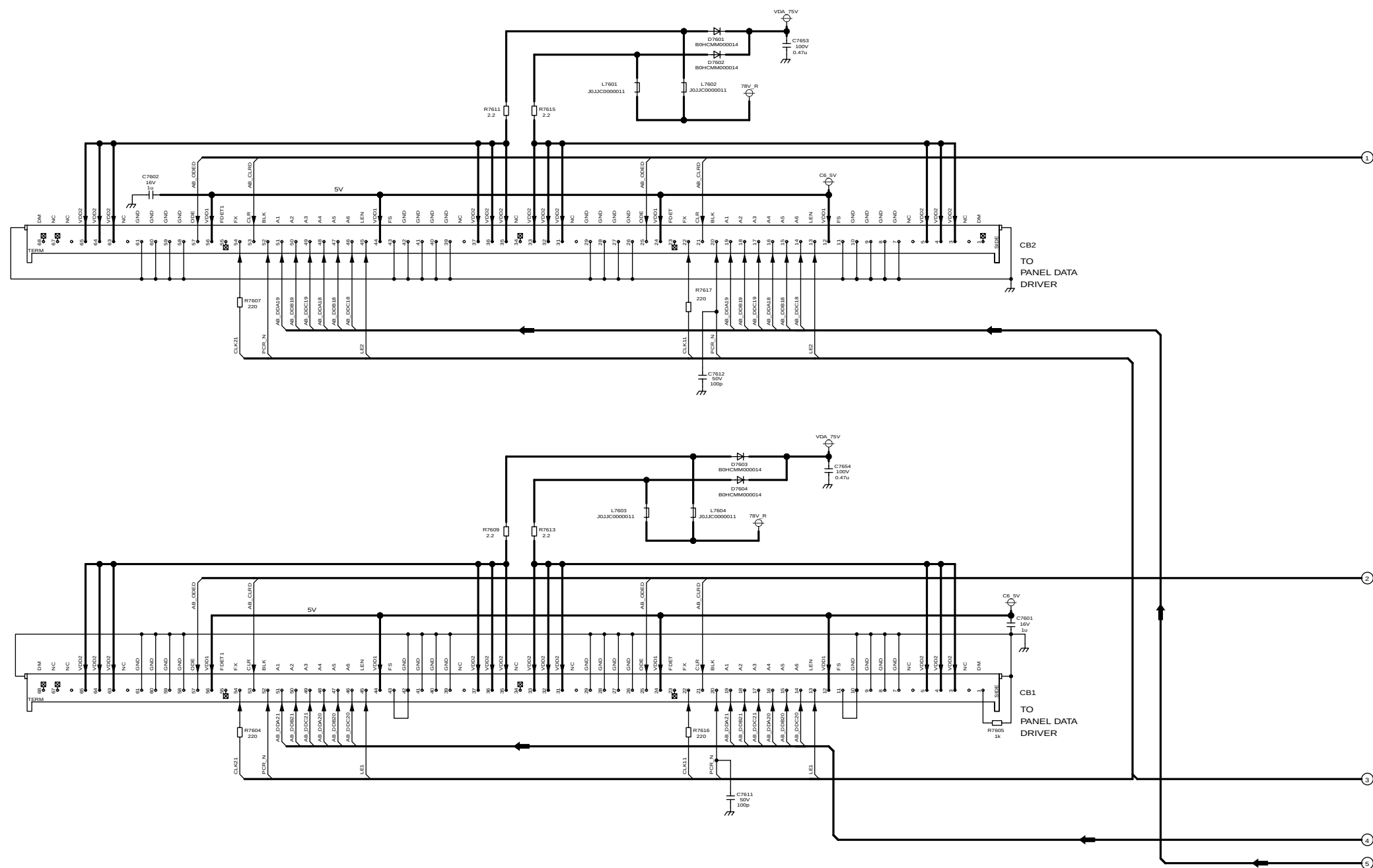
TH-50PHD8BK/BS/EK/ES
C5-Board (1 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
C5-Board (1 of 2) Schematic Diagram

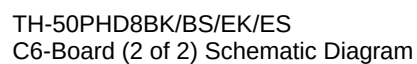
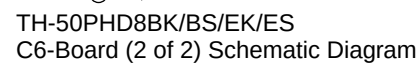


C5-BOARD TNPA3565 (2/2)





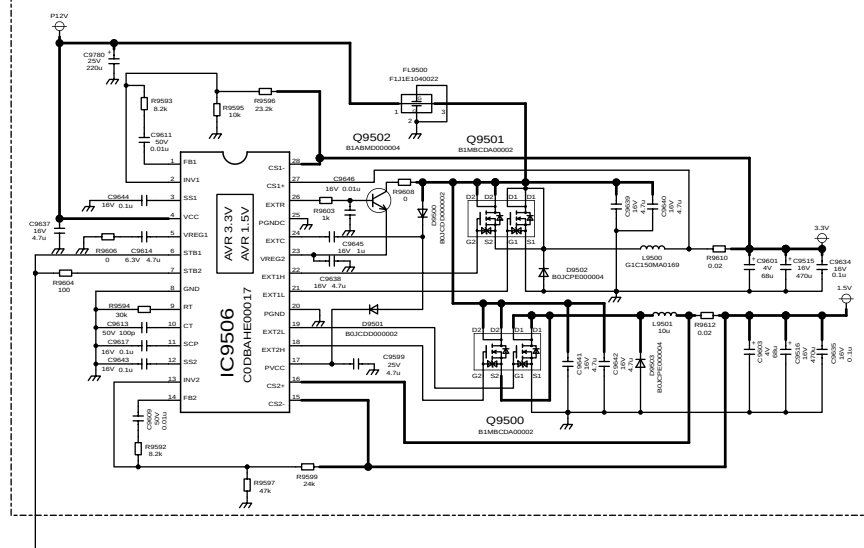
C6-BOARD TXNC610XQS (2/2)



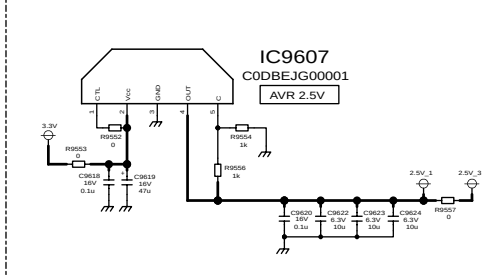


D-BOARD TZTNP01YSSE (1/12)

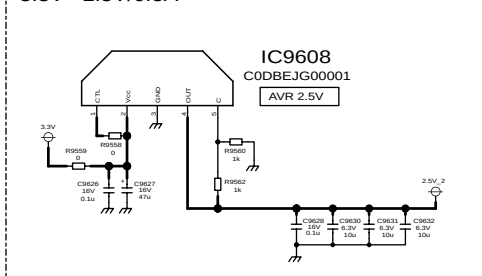
12V->3.3V/1.4A
12V->1.5V/2.0A



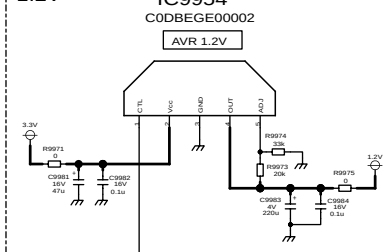
3.3V->2.5V/0.5A



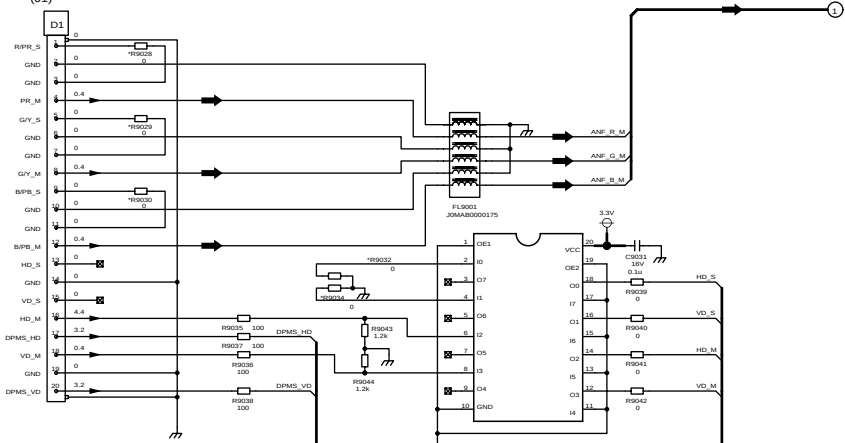
3.3V->2.5V/0.5A



1.2V



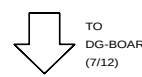
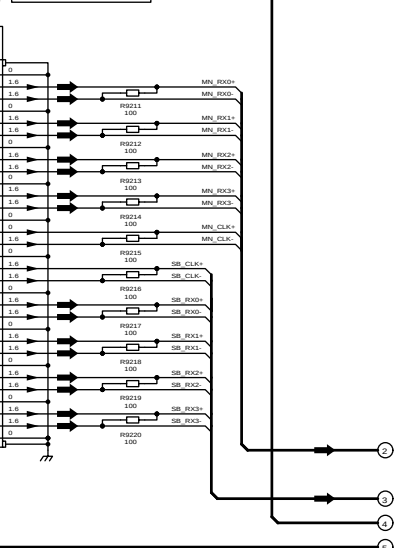
TO
J-BBOARD
(J1)



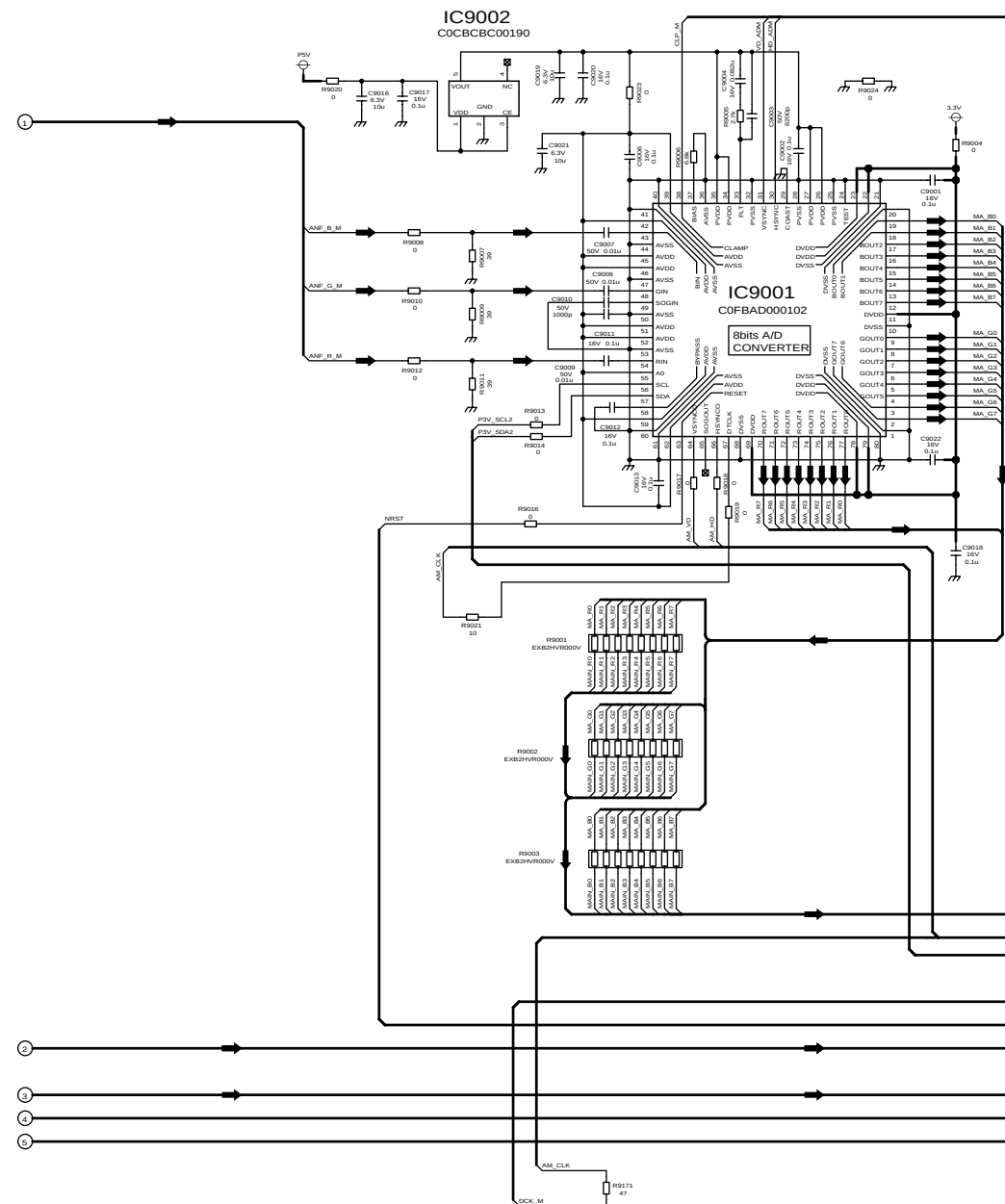
IC9031
COJBAZ002198

5V->3.3V
LEVEL CONVERTER

TO
J-BBOARD
(J5/J6)

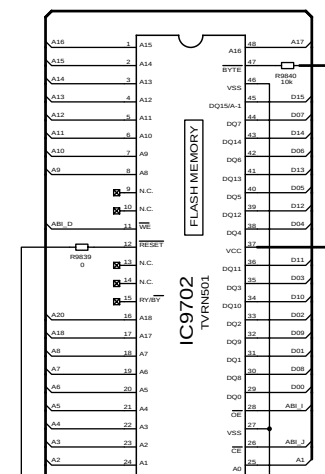
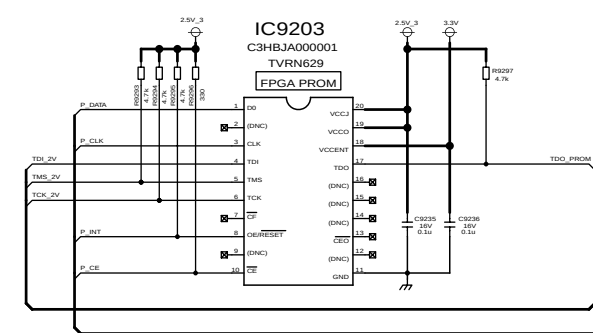


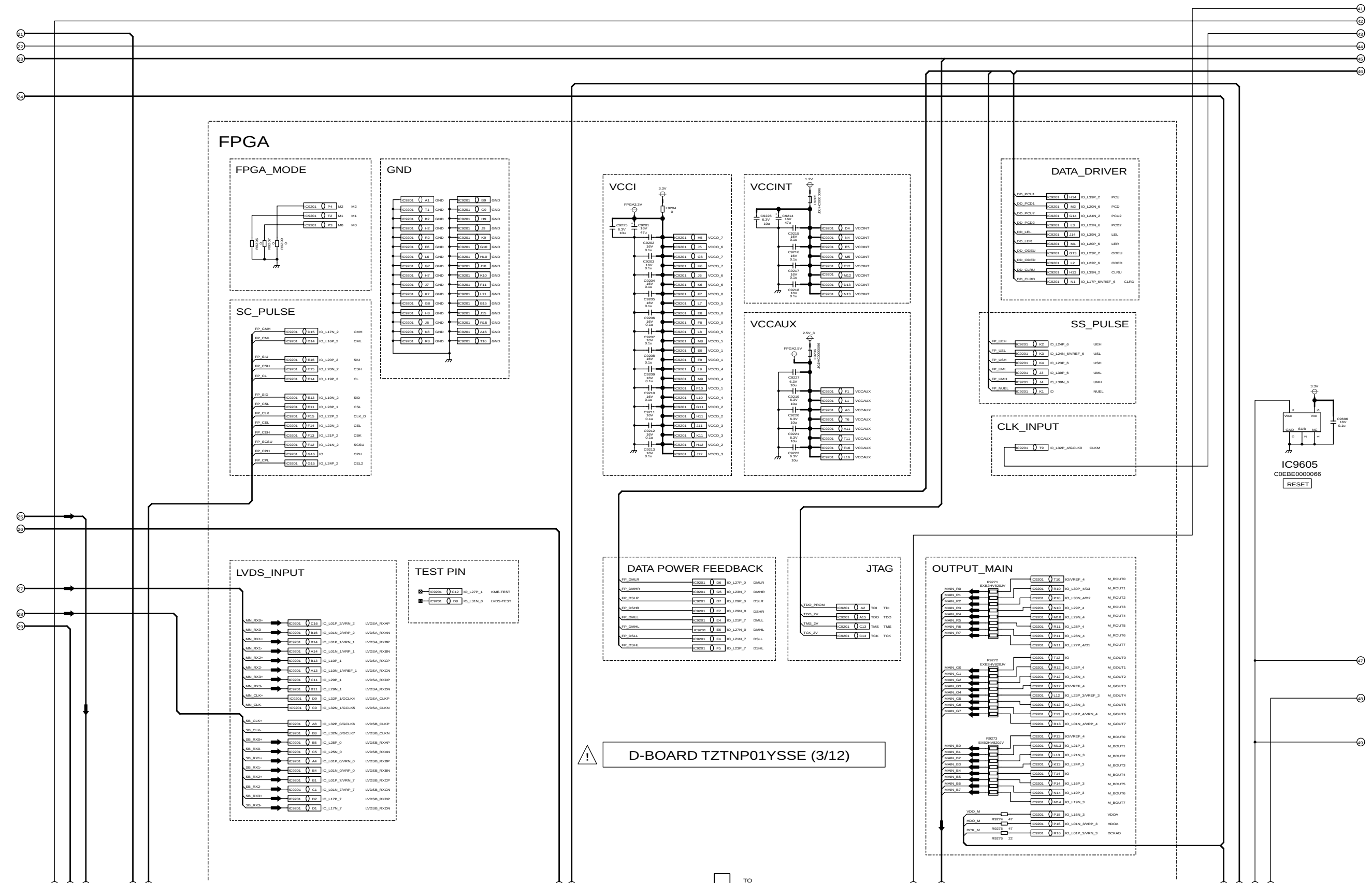
TO
DG-BBOARD
(7/12)



! D-BOARD TZTNP01YSSE (2/12)

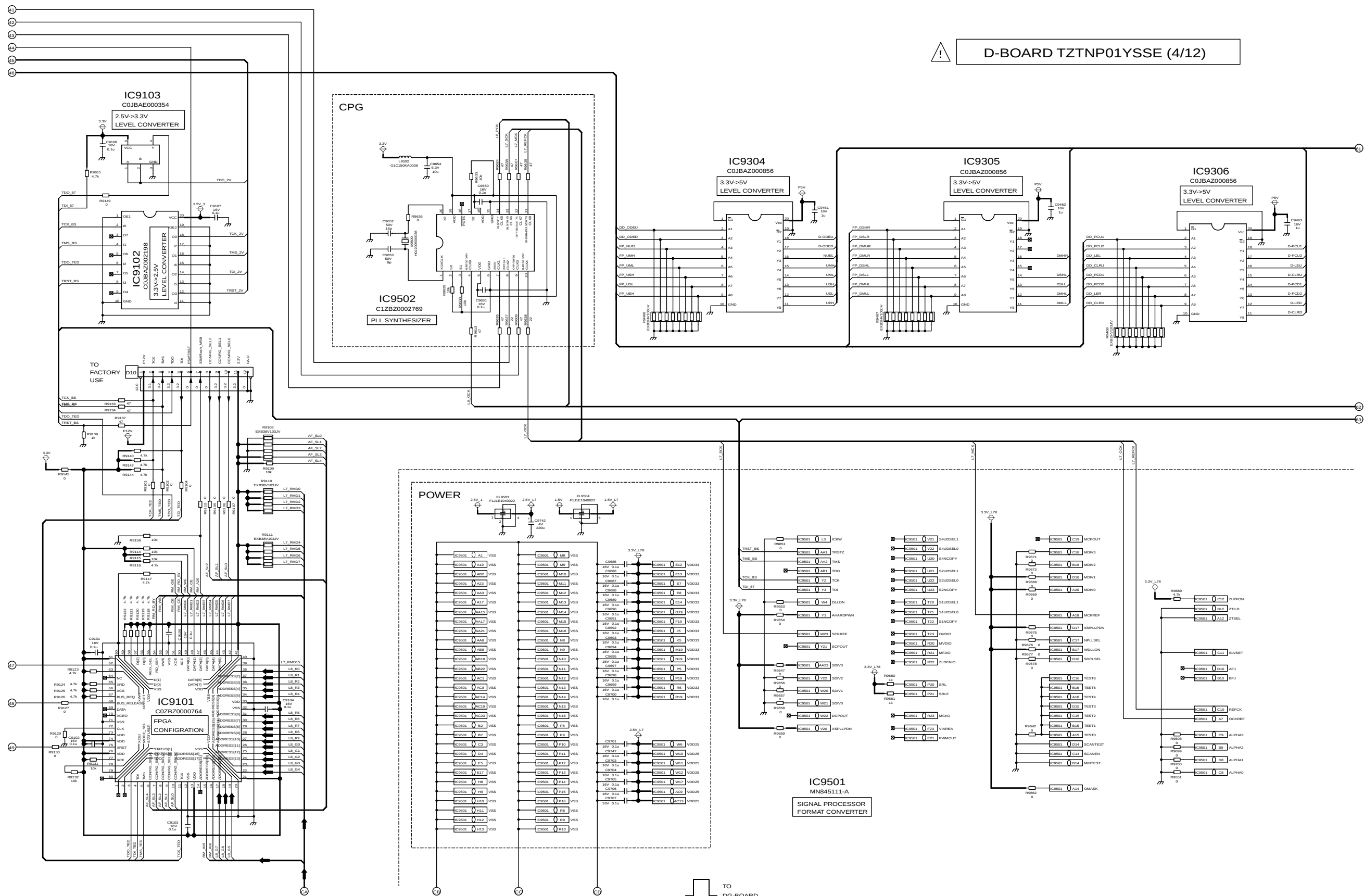
TO
DG-BOARD
(8/12)

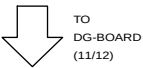




TH-50PHD8BK/BS/EK/ES
D-Board (3 of 12) Schematic Diagram

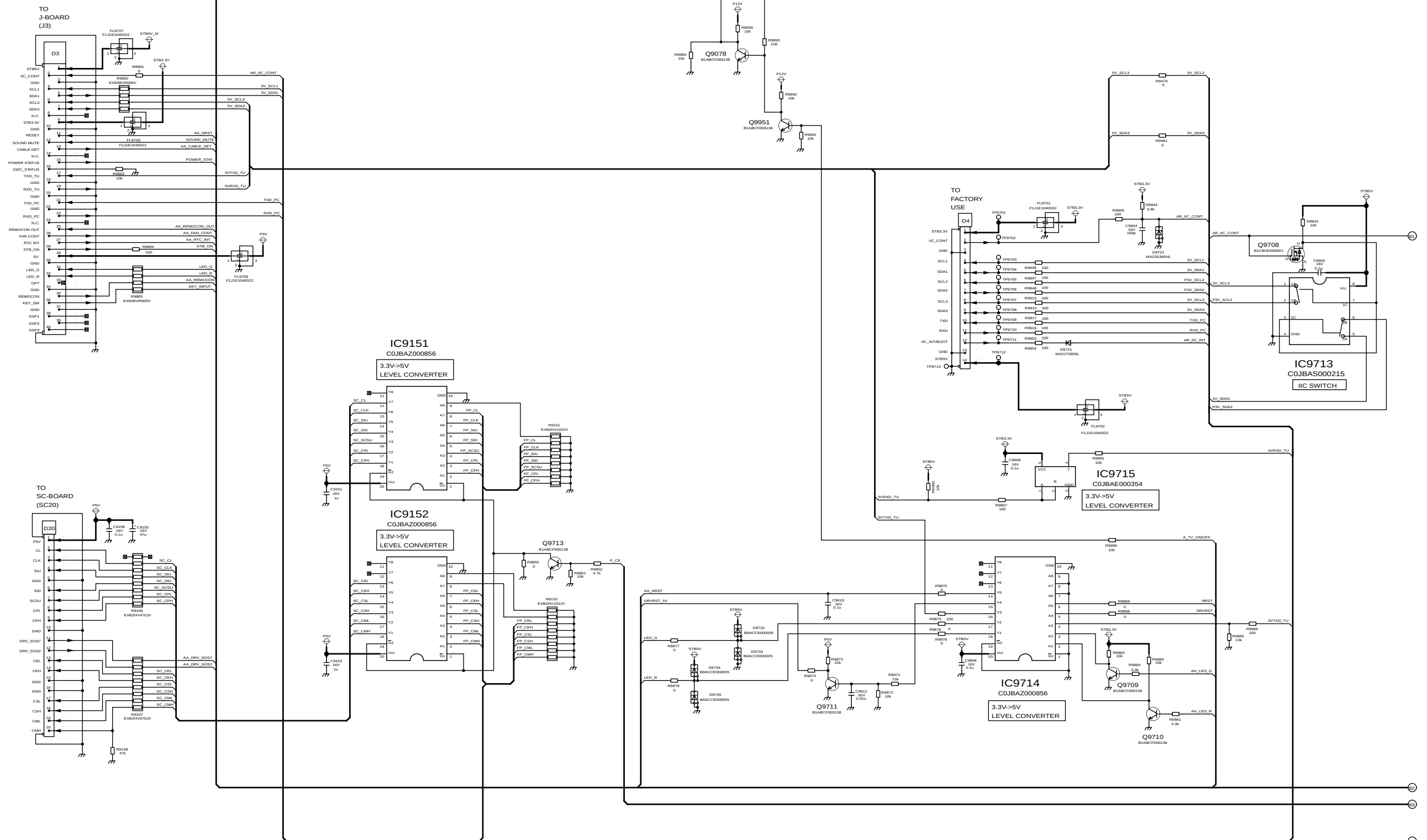
TH-50PHD8BK/BS/EK/ES
D-Board (3 of 12) Schematic Diagram

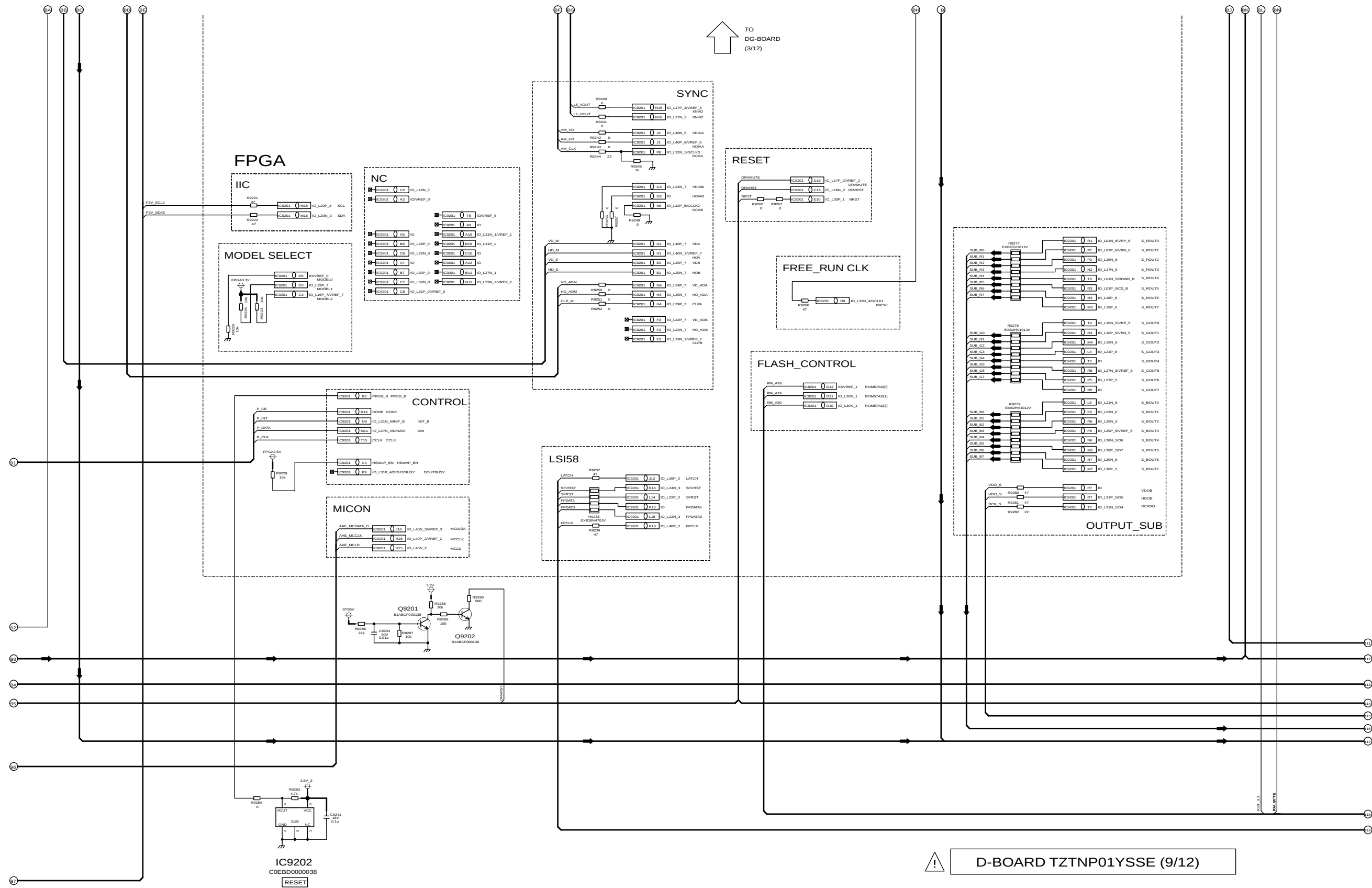


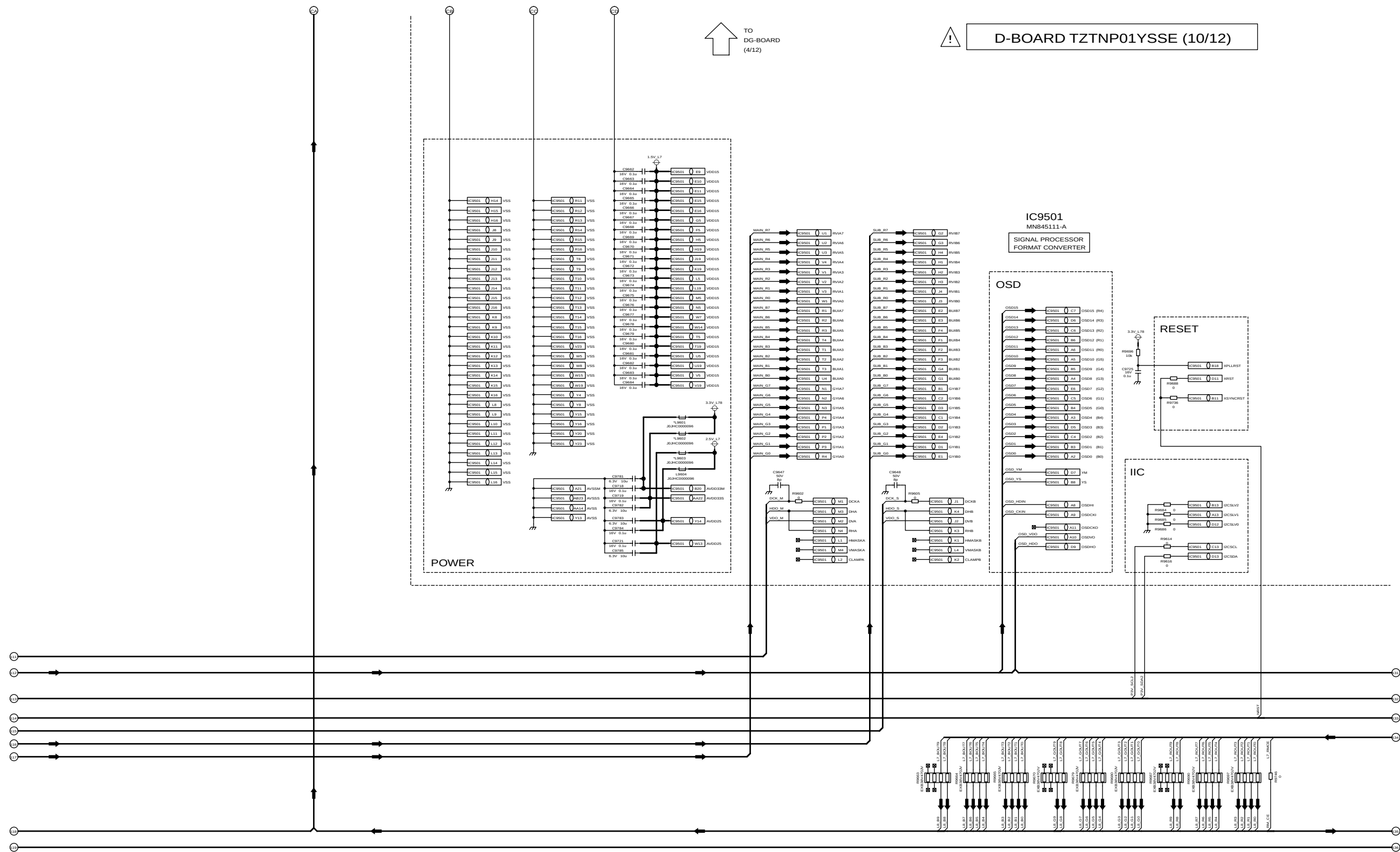


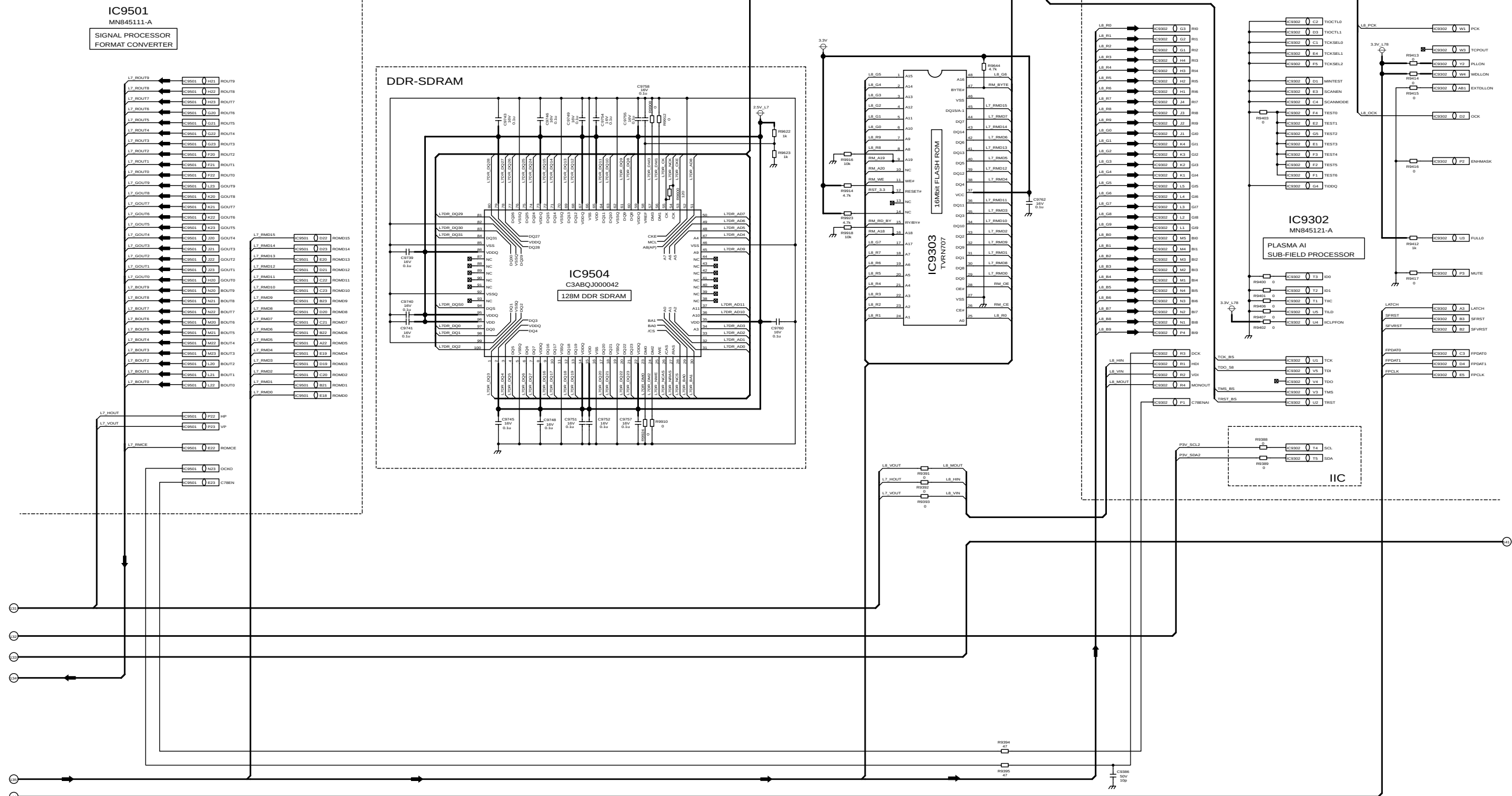
TO
DG-BOARD
(1/12)

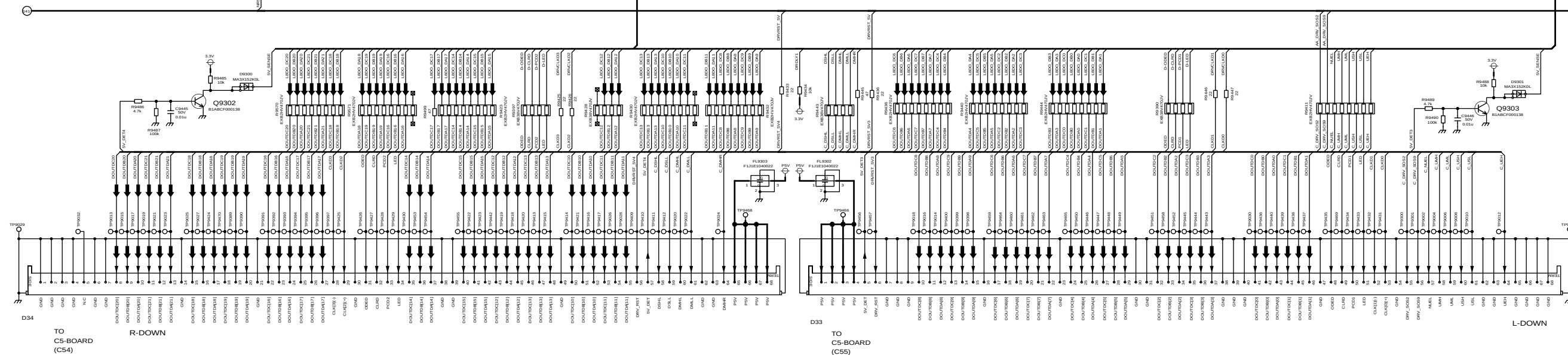
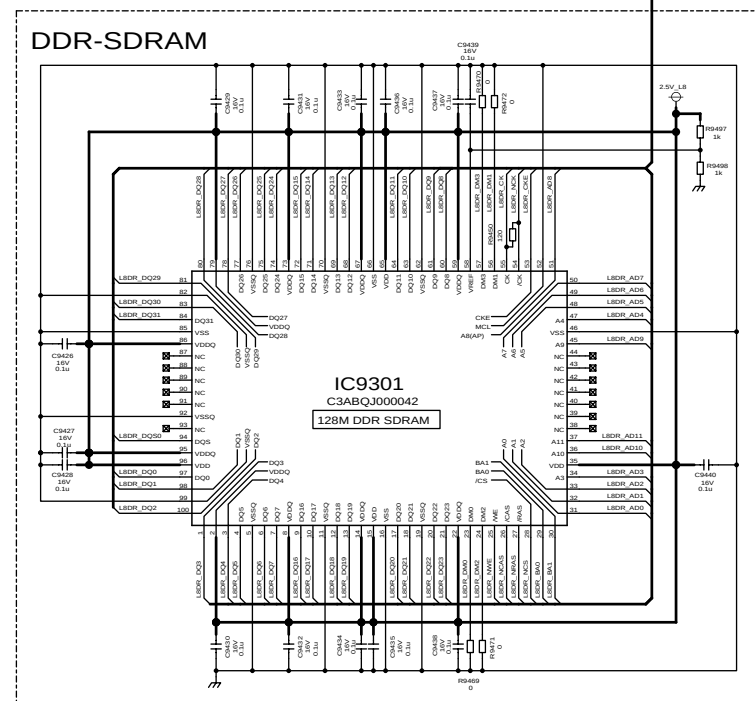
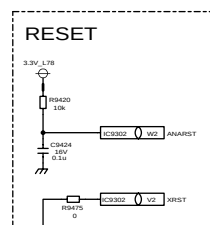
Schematic diagram of the power supply section of the DG-board (1/12). The diagram shows a transformer with primary terminals E and C. The secondary winding has terminals connected to a network of resistors (R9985 15k, R9925 10k, R9955 100, R9951 15k) and two MOSFETs (Q9078 and Q9951, both BLA8CF0003.38). The MOSFETs are connected to ground (GND) and a 12V source (P12V).









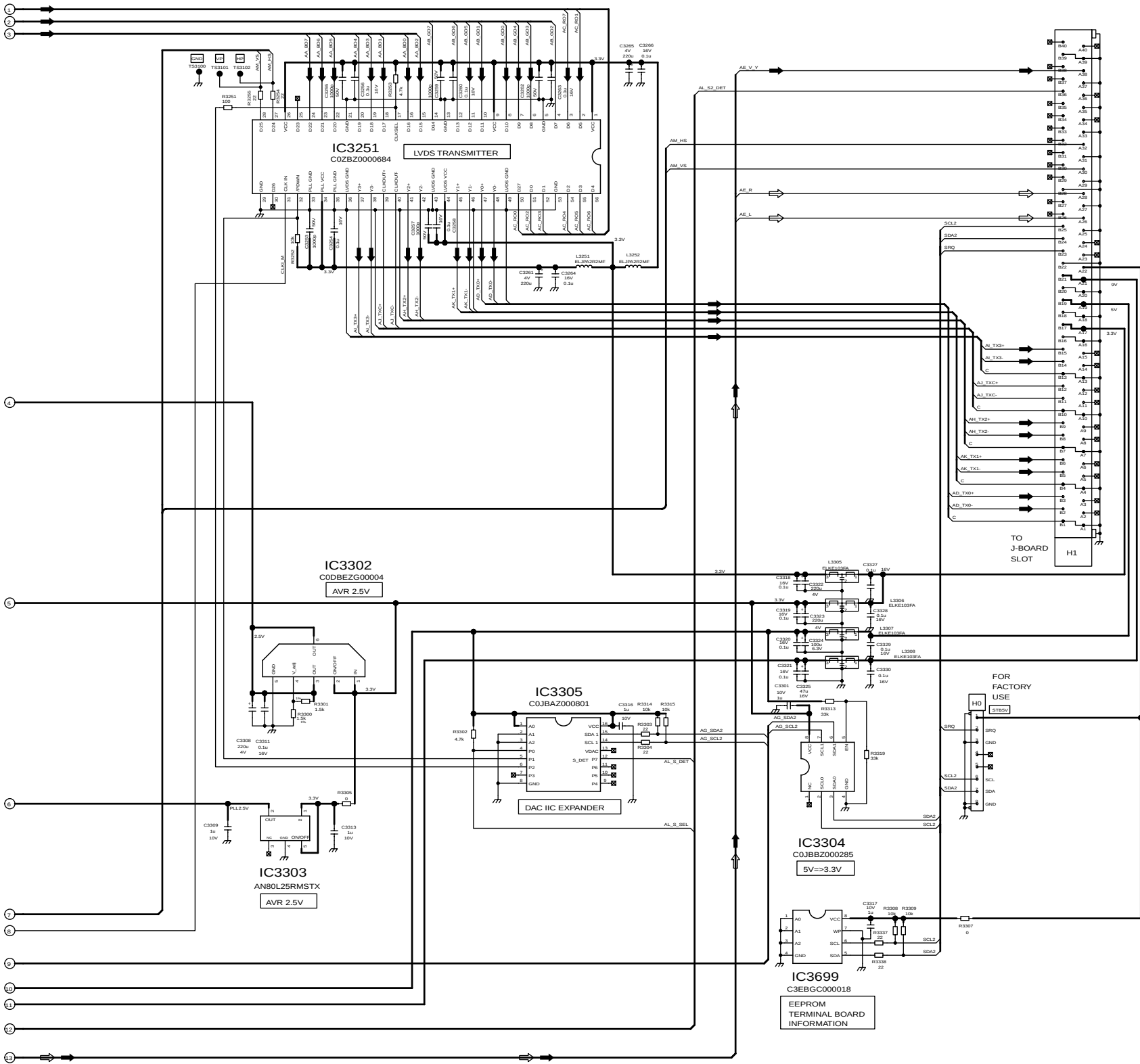


TH-50PHD8BK/BS/EK/ES
D-Board (12 of 12) Schematic Diagram

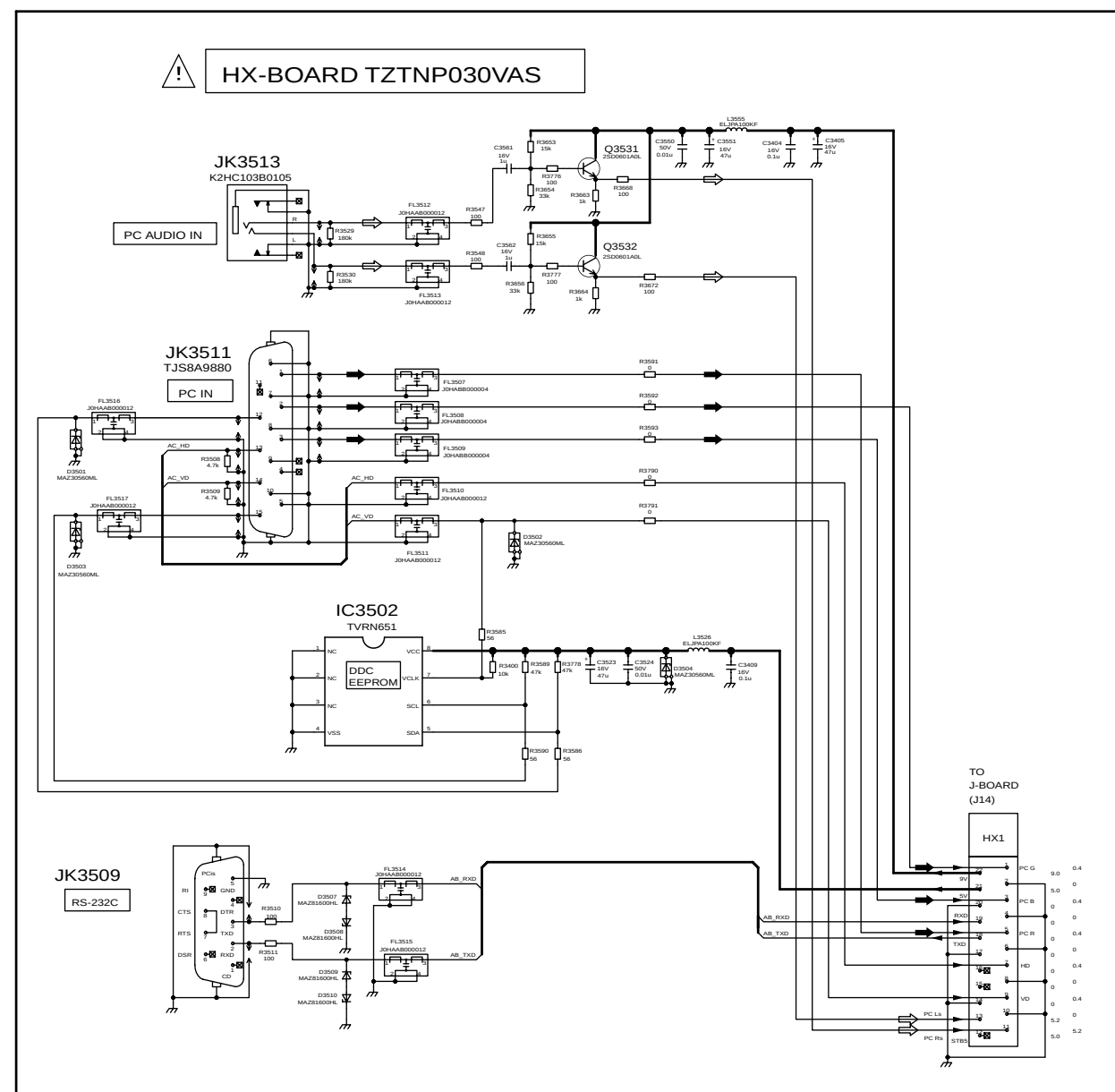
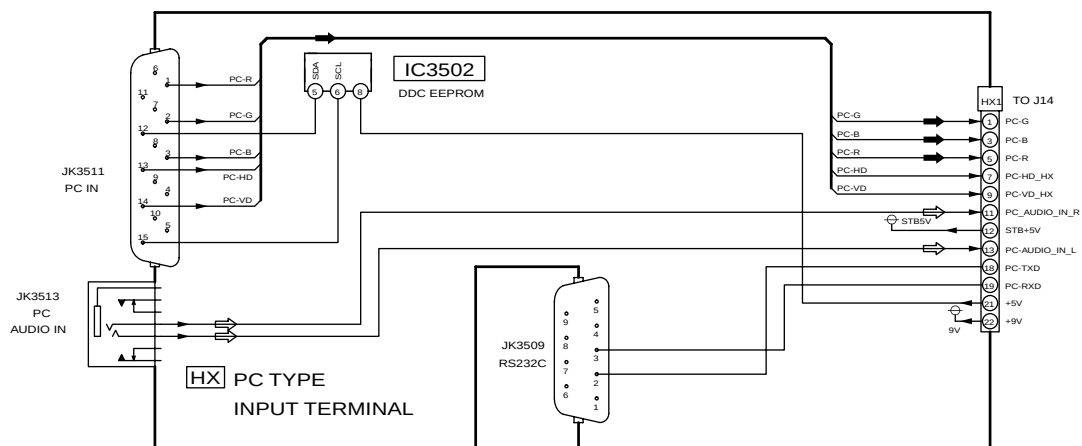
TH-50PHD8BK/BS/EK/ES
D-Board (12 of 12) Schematic Diagram



TH-50PHD8BK/BS/EK/ES
HB-Board (1 of 2) Schematic Diagram



F



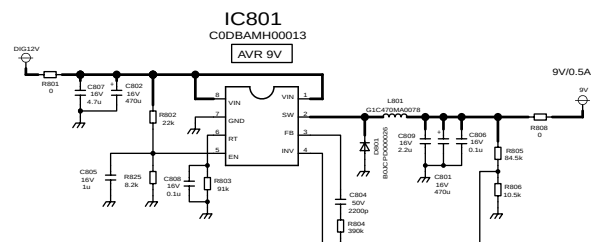
TH-50PHD8BK/BS/EK/ES HX-Board Block and Schematic Diagram

TH-50PHD8BK/BS/EK/ES
HX-Board Block and Schematic Diagram

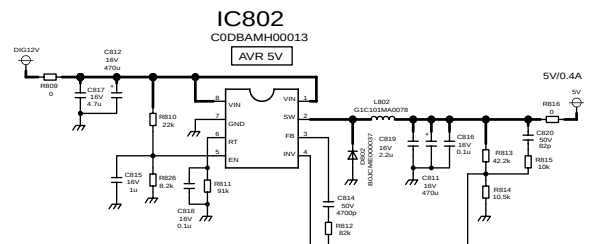


J-BOARD TNPA3630AB (1/4)

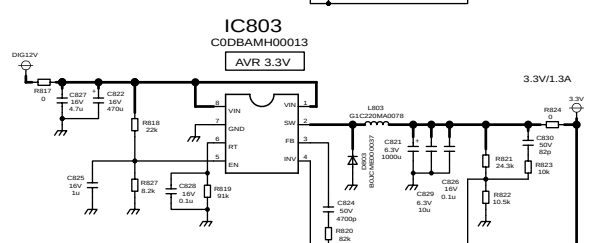
A



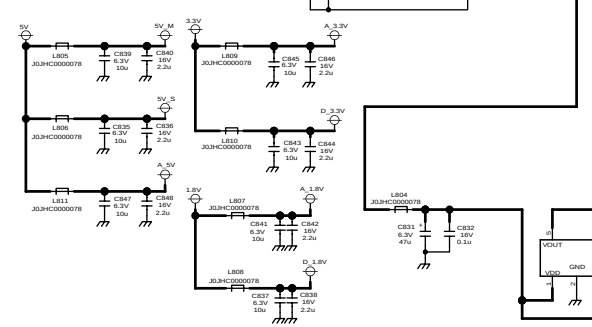
B



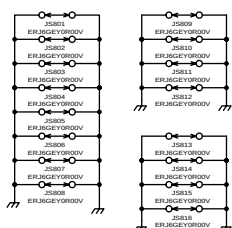
C



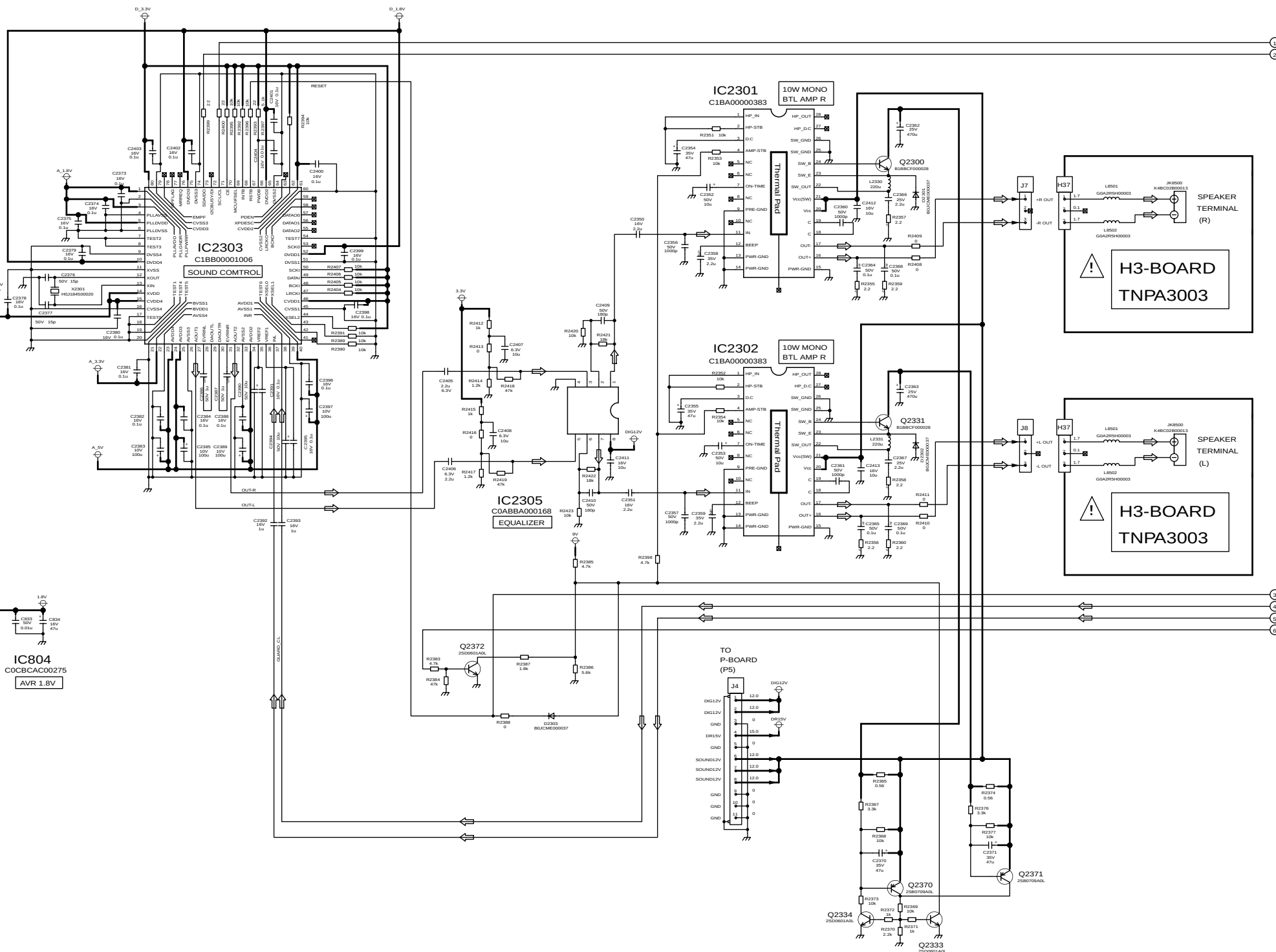
D

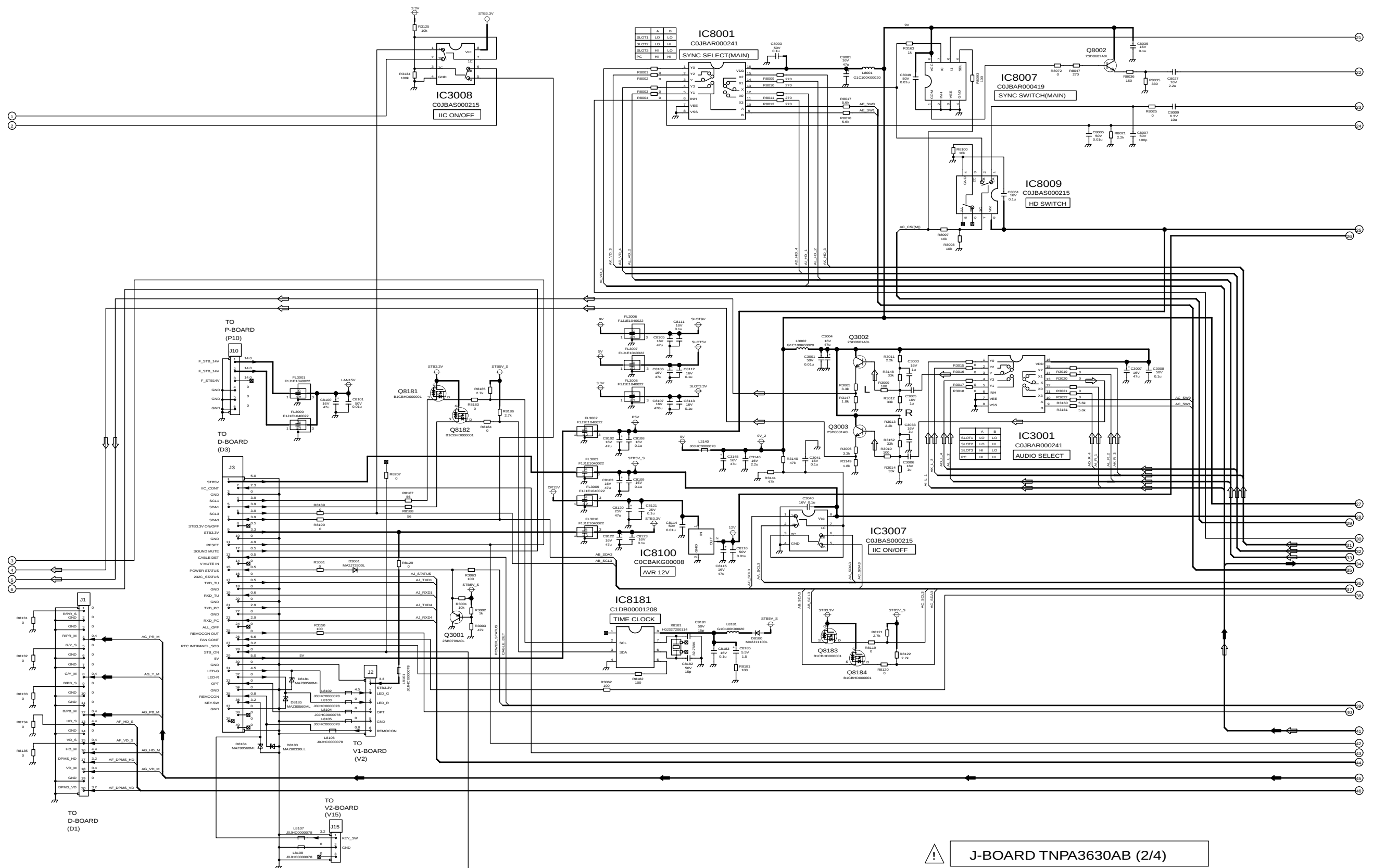


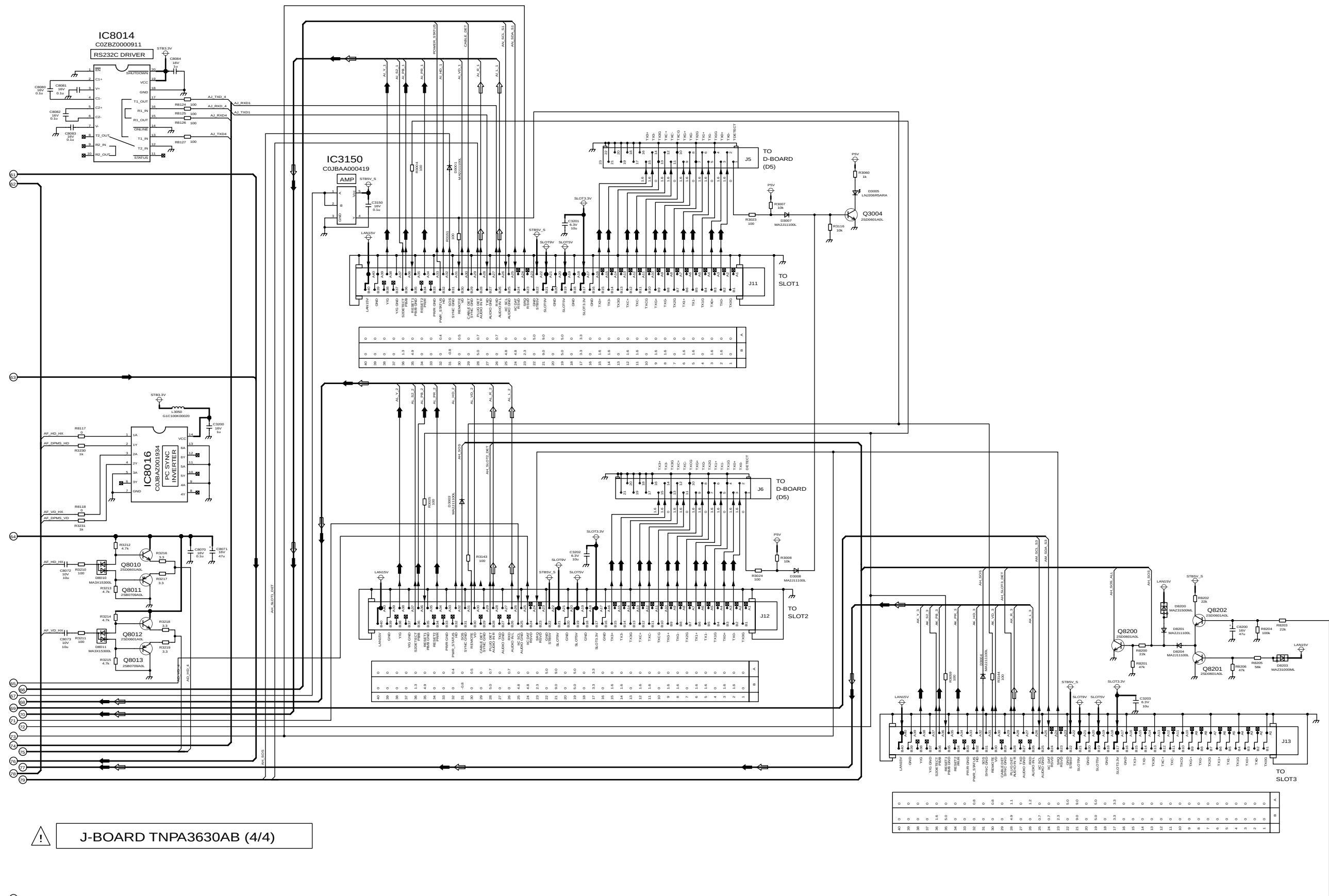
E

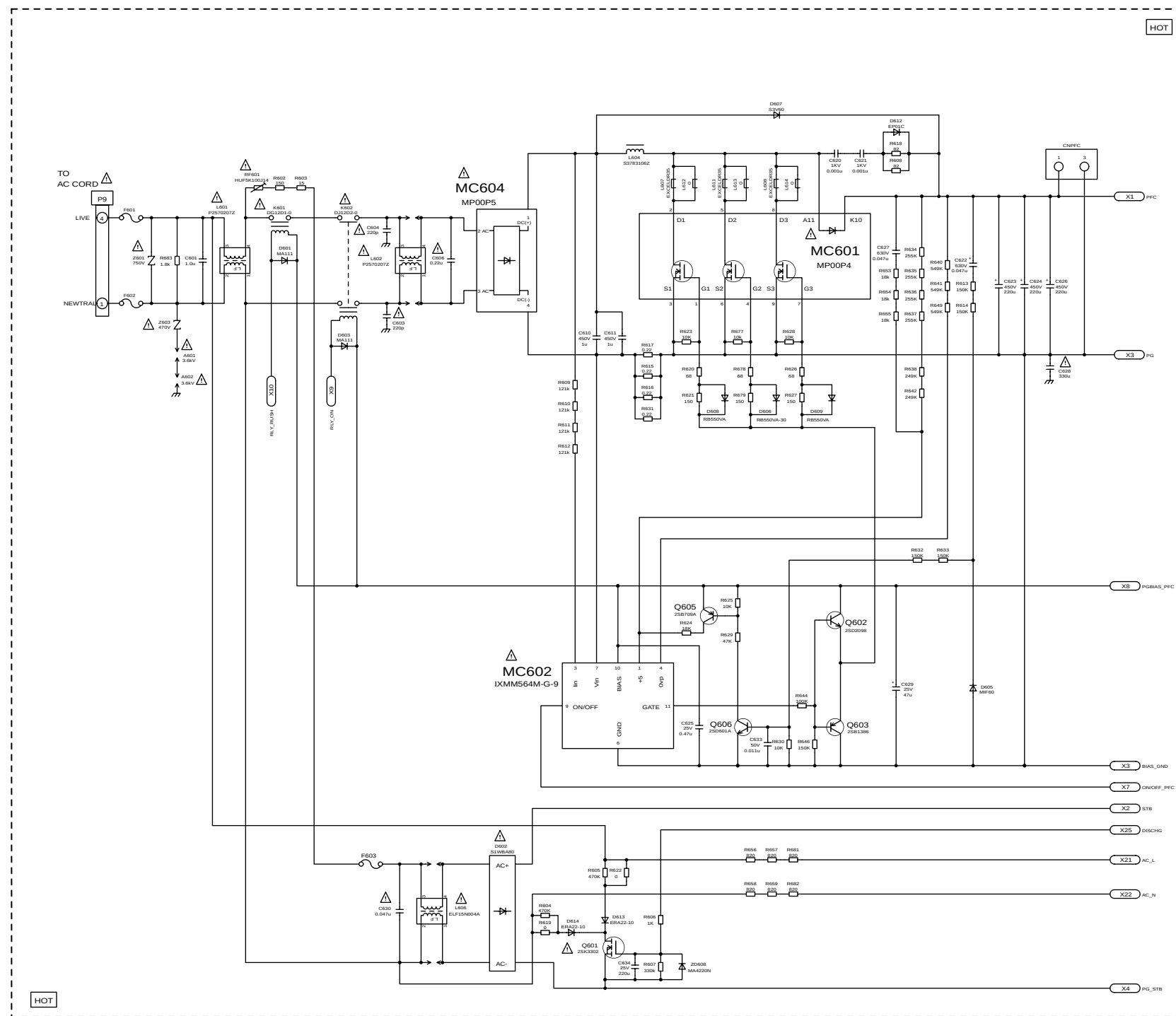


F

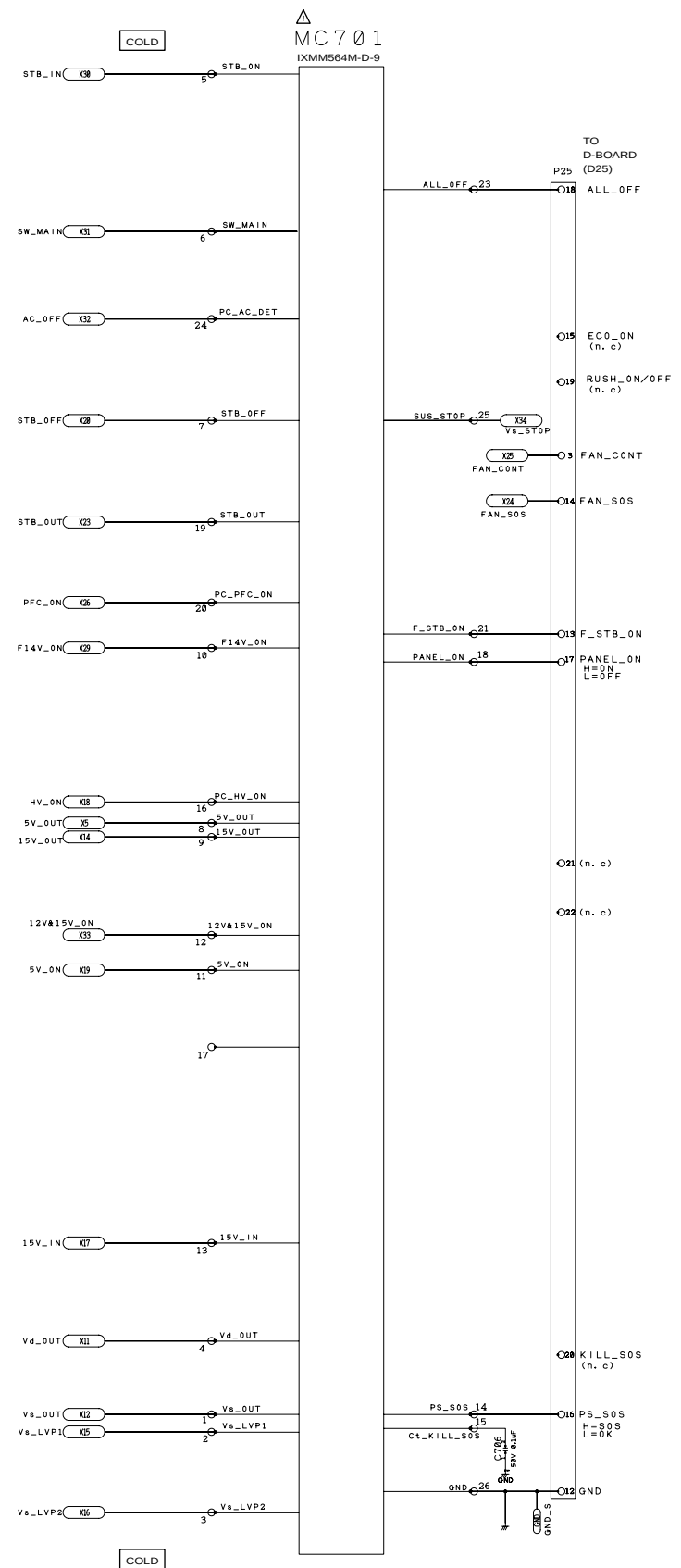






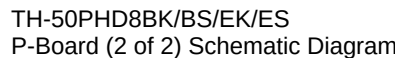


⚠ P-BOARD ETXMM564MEK (1/2)



TH-50PHD8BK/BS/EK/ES
P-Board (1 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
P-Board (1 of 2) Schematic Diagram



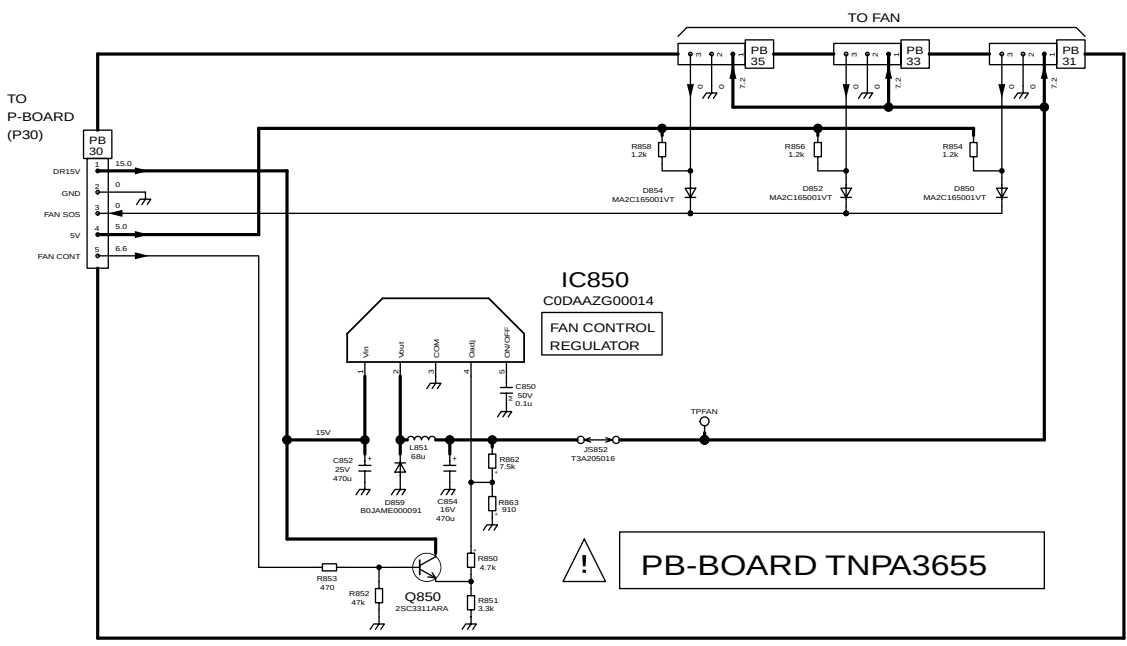
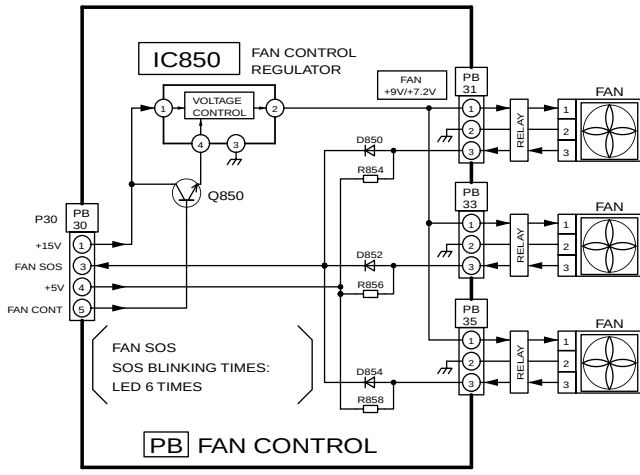
A

B

C

D

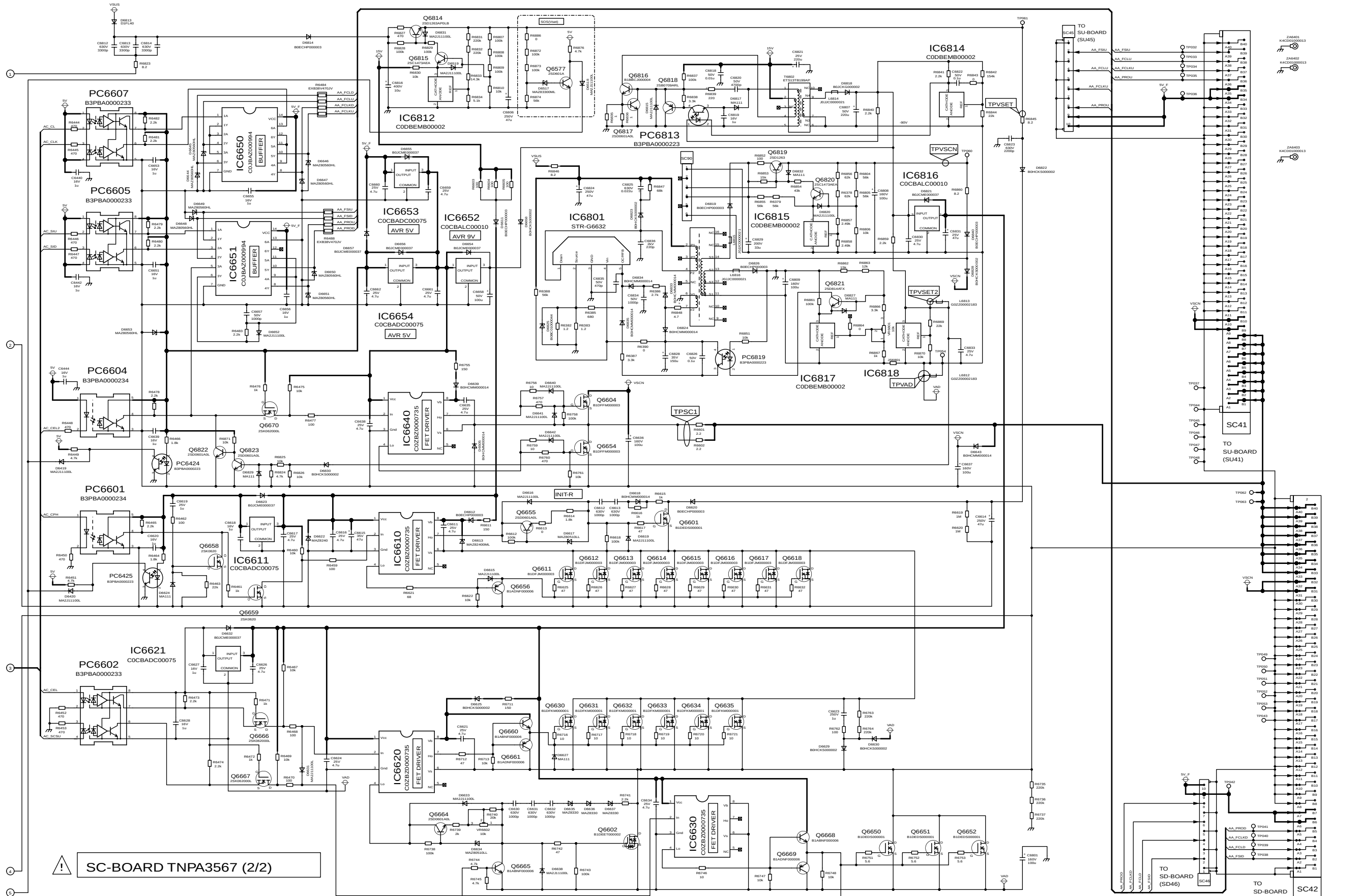
E



A



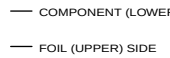
TH-50PHD8BK/BS/EK/ES
SC-Board (1 of 2) Schematic Diagram



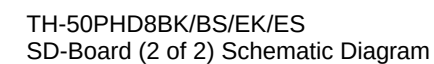
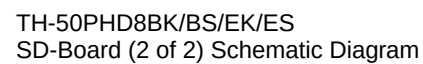
TH-50PHD8BK/BS/EK/ES SC-Board (2 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES SC-Board (2 of 2) Schematic Diagram

To 2nd 96pins of
SCAN ELECTRODES



TH-50PHD8BK/BS/EK/ES
SD-Board (1 of 2) Schematic Diagram



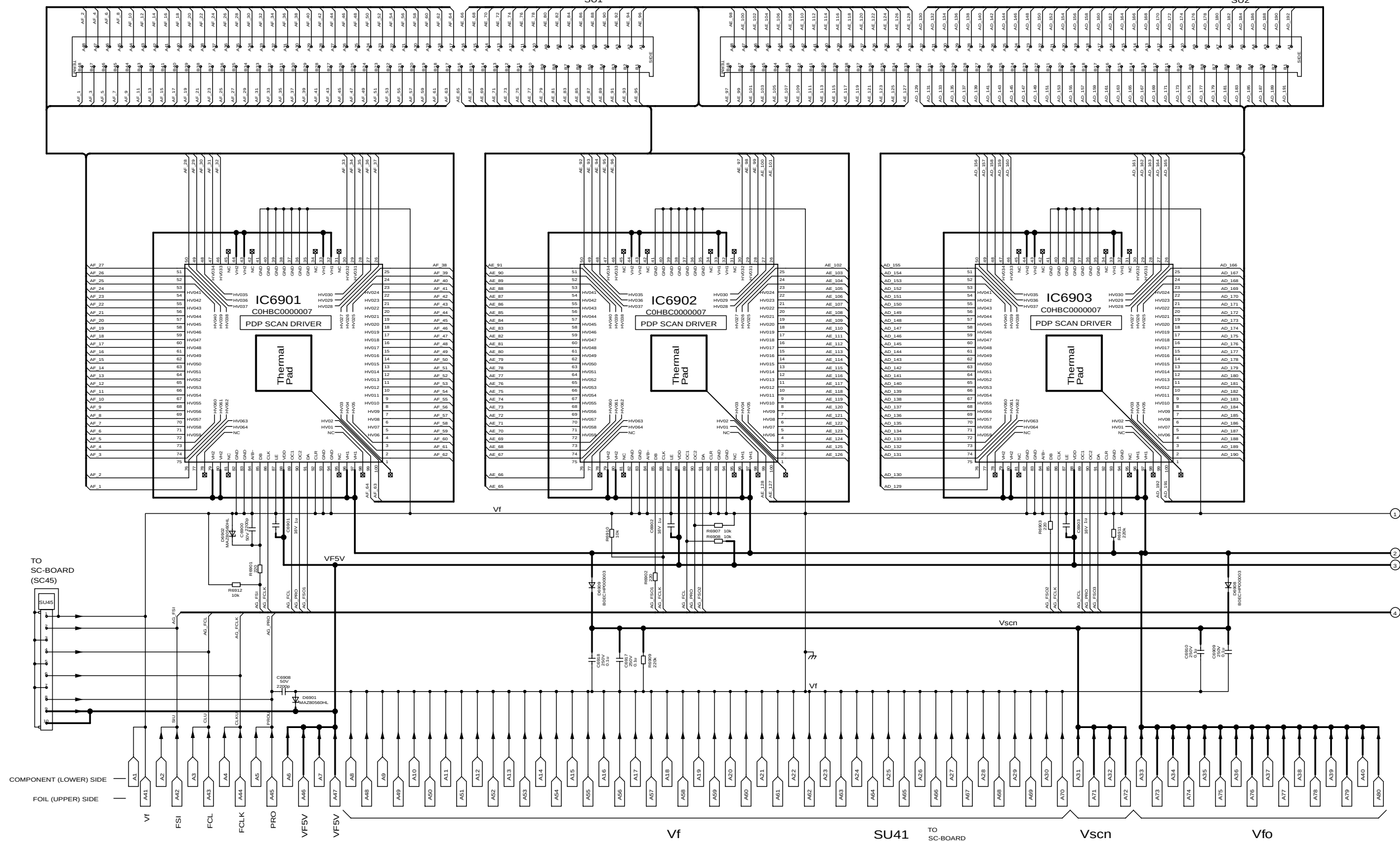






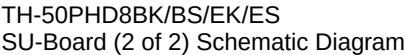
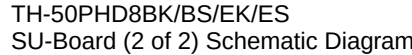
SL11 To 1st 96pins of
SCAN ELECTRODES

To 2nd 96pins of
SCAN ELECTRODES

TH-50PHD8BK/BS/EK/ES
SU-Board (1 of 2) Schematic Diagram

TH-50PHD8BK/BS/EK/ES
SU-Board (1 of 2) Schematic Diagram

1 2 3 4 5 6 7 8



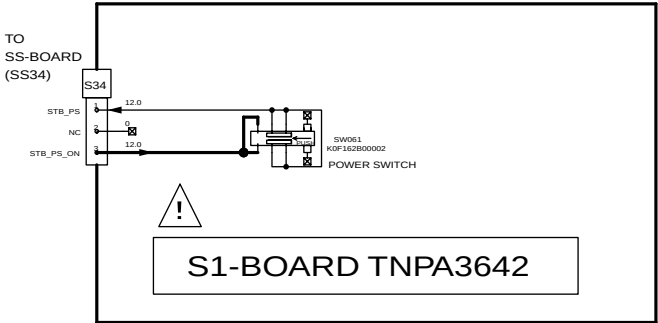
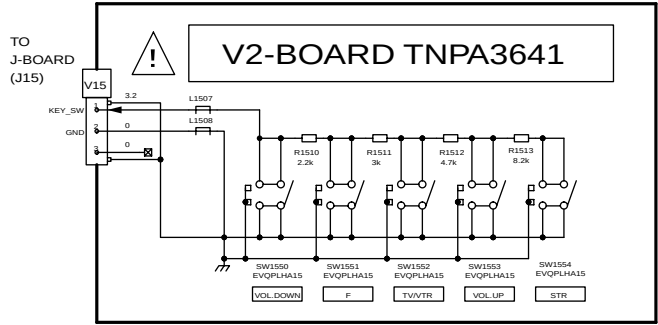
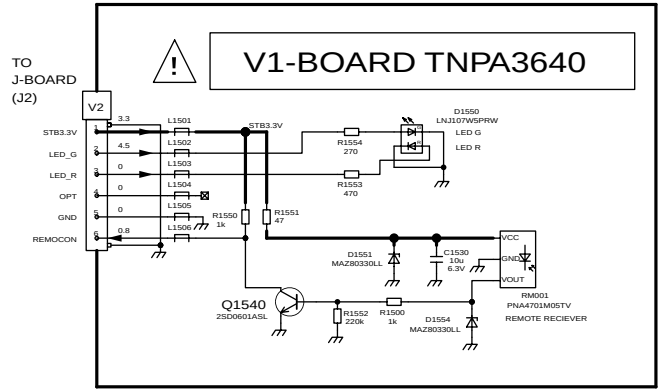
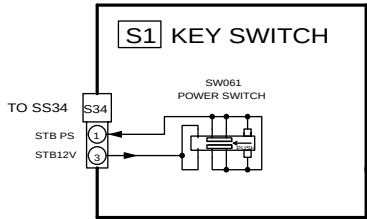
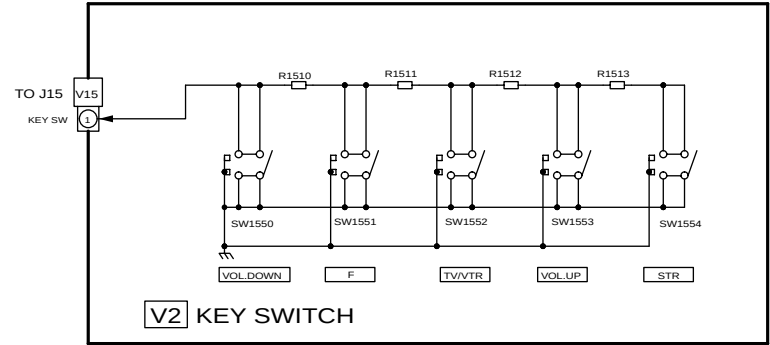
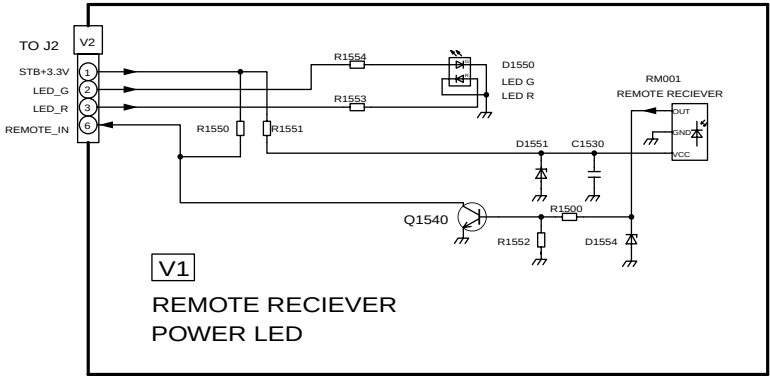
A

B

C

D

E





15 Schematic Diagrams

15.1. Schematic Diagram Notes

Important Safety Notice

Components identified by $\triangle$ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

- 1. Resistor**
Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
- 2. Capacitor**
Unit of capacitance is μ F, unless otherwise noted.
- 3. Coil**
Unit of inductance is H, unless otherwise noted.
- 4. Test Point**
 : Test Point position
- 5. Earth Symbol**
 : Chassis Earth (Cold)  : Line Earth (Hot)
- 6. Voltage Measurement**
Voltage is measured by a DC voltmeter.
Conditions of the measurement are the following:
Power Source AC120V, 50/60Hz
Receiving Signal Colour Bar signal (RF)
All customer's controls Maximum positions
- 7. When arrow mark () is found, connection is easily found from the direction of arrow.**
- 8. Indicates the major signal flow.** : Video  Audio 
- 9. This schematic diagram is the latest at the time of printing and subject to change without notice.**

Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

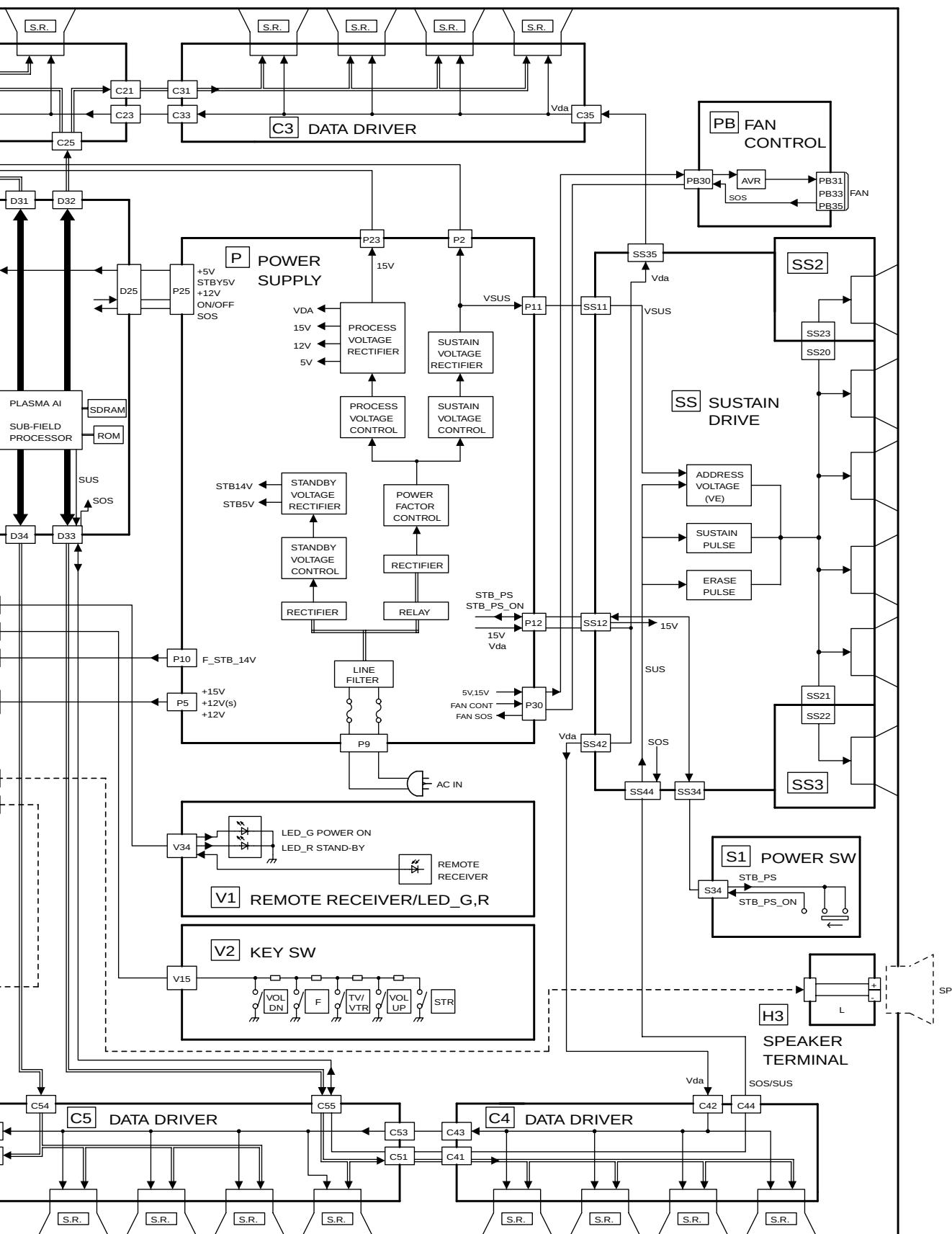
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

Precautions

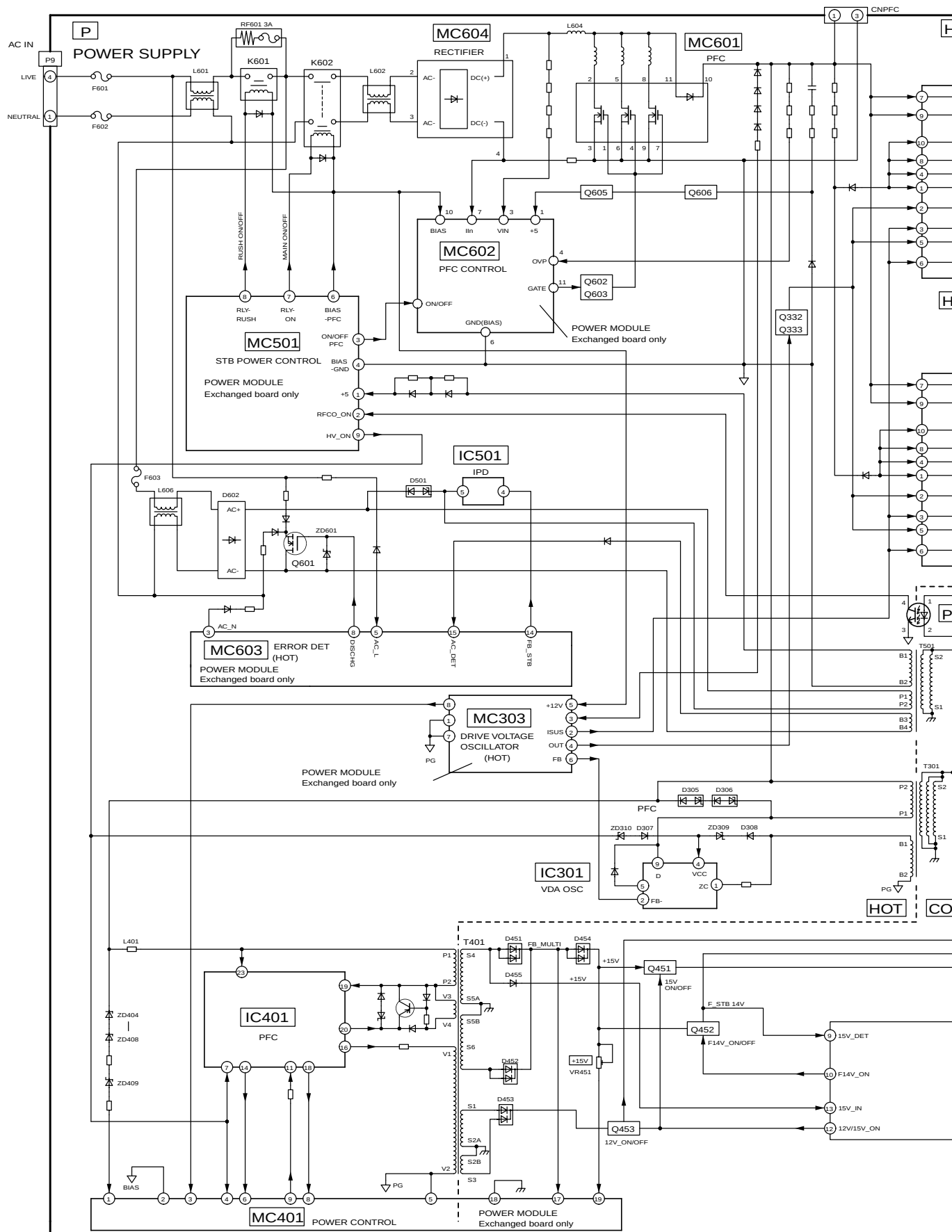
- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.





TH-50PHD8BK/BS/EK/ES
Main Block Diagram

15.3. P-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
P-Board Block Diagram

15.4. P-Board (1 of 2) Schematic Diagram

A

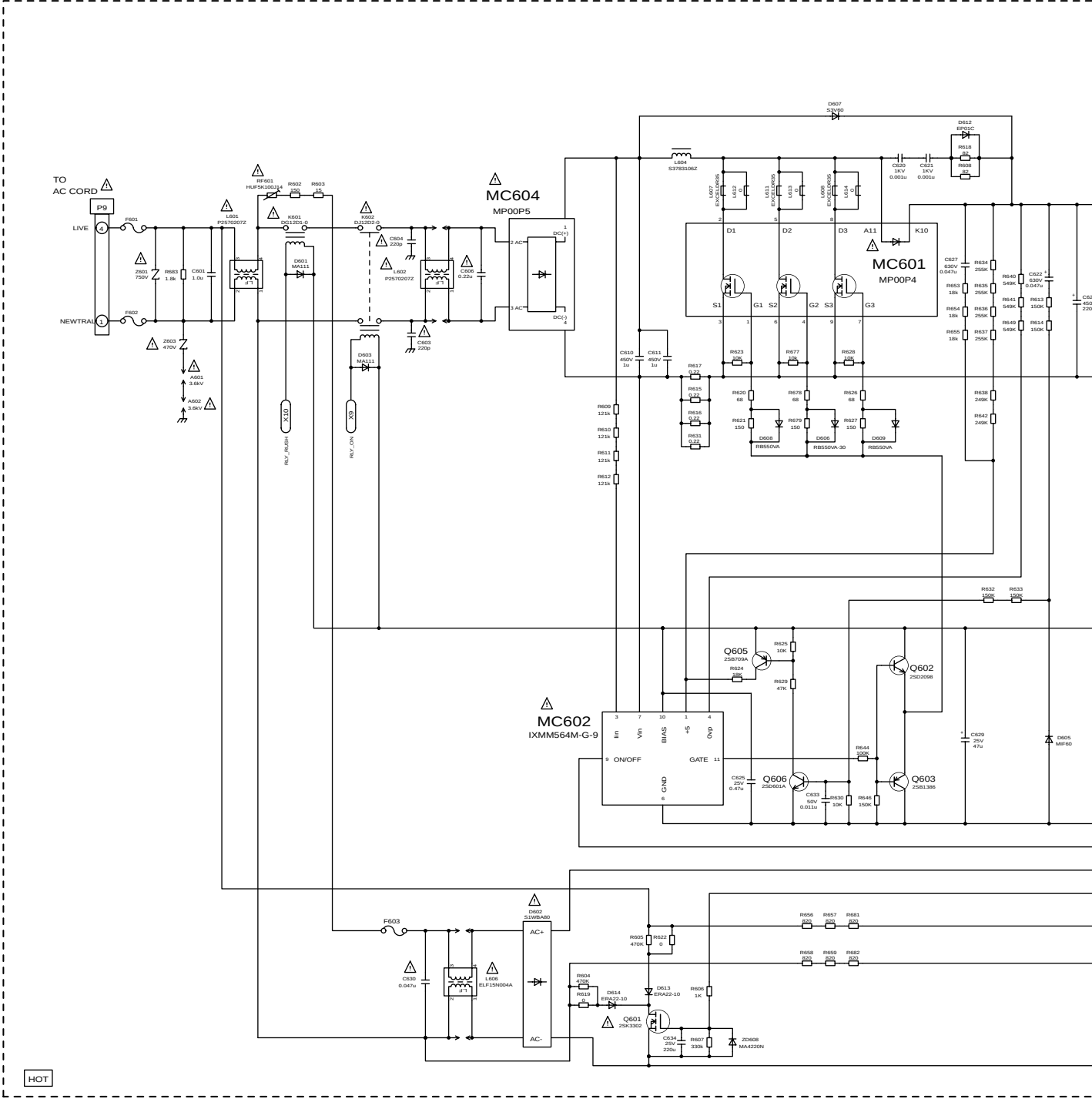
B

C

D

E

F



! P-BOARD ETXMM564MEK (1/2)

TH-50PHD8BK/BS/EK/ES
P-Board (1 of 2) Schematic Diagram

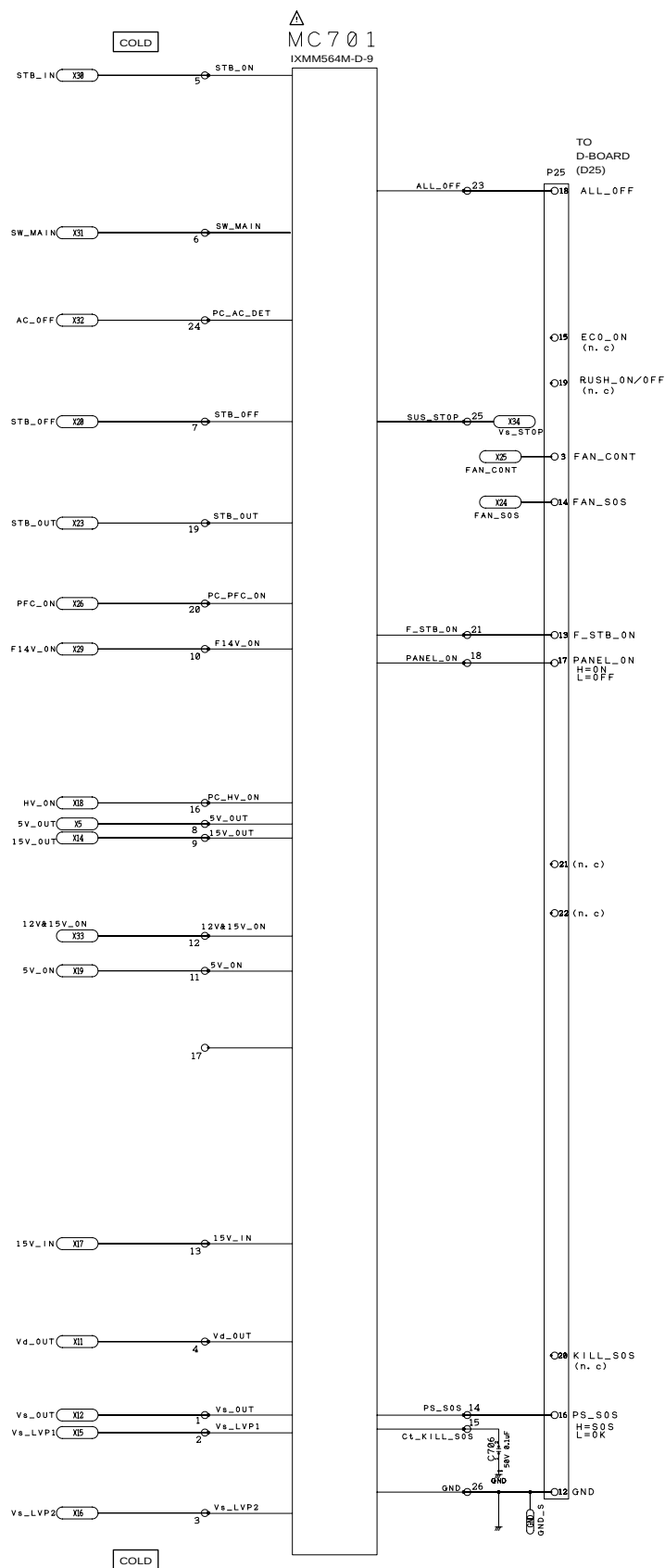
1

2

3

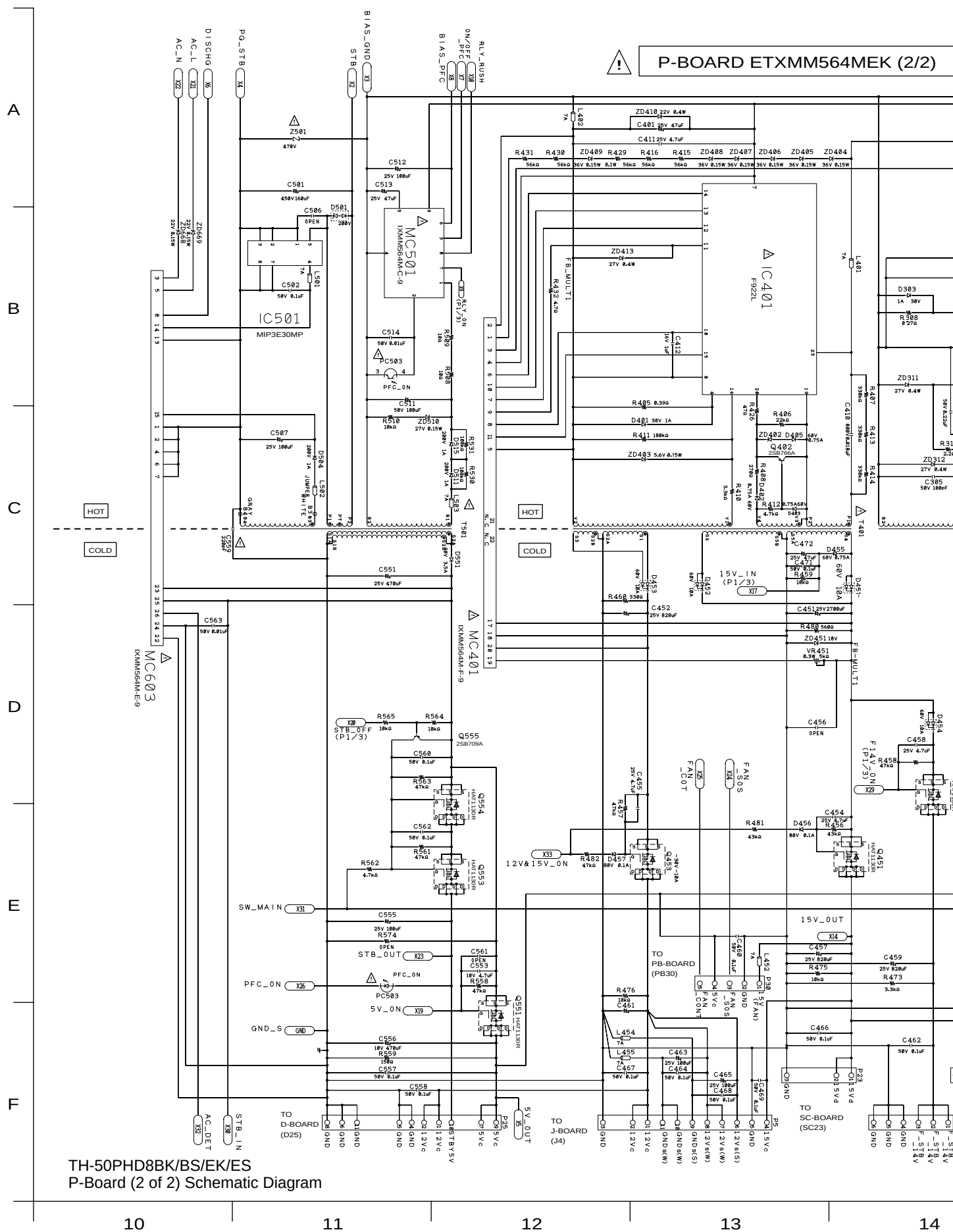
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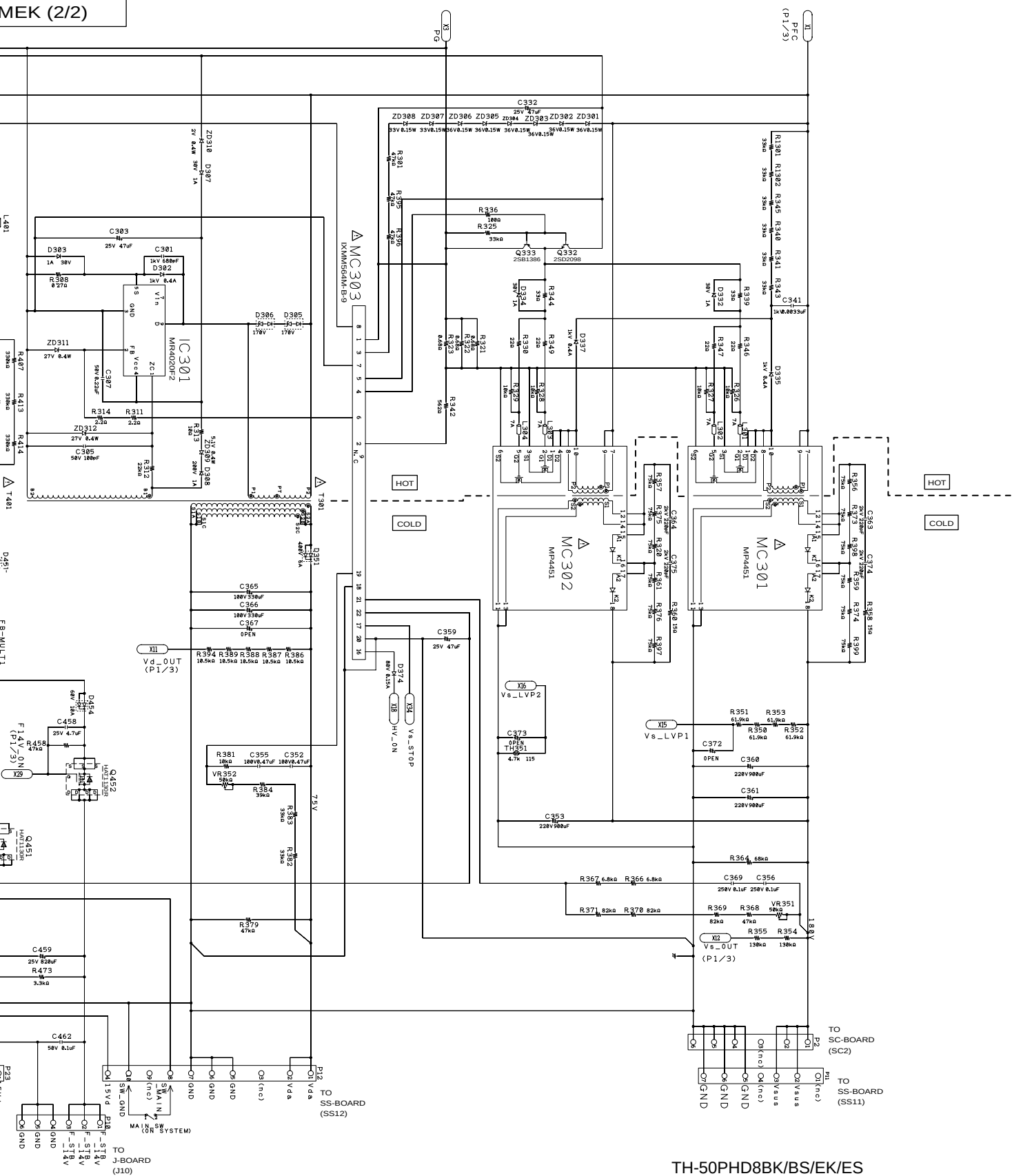
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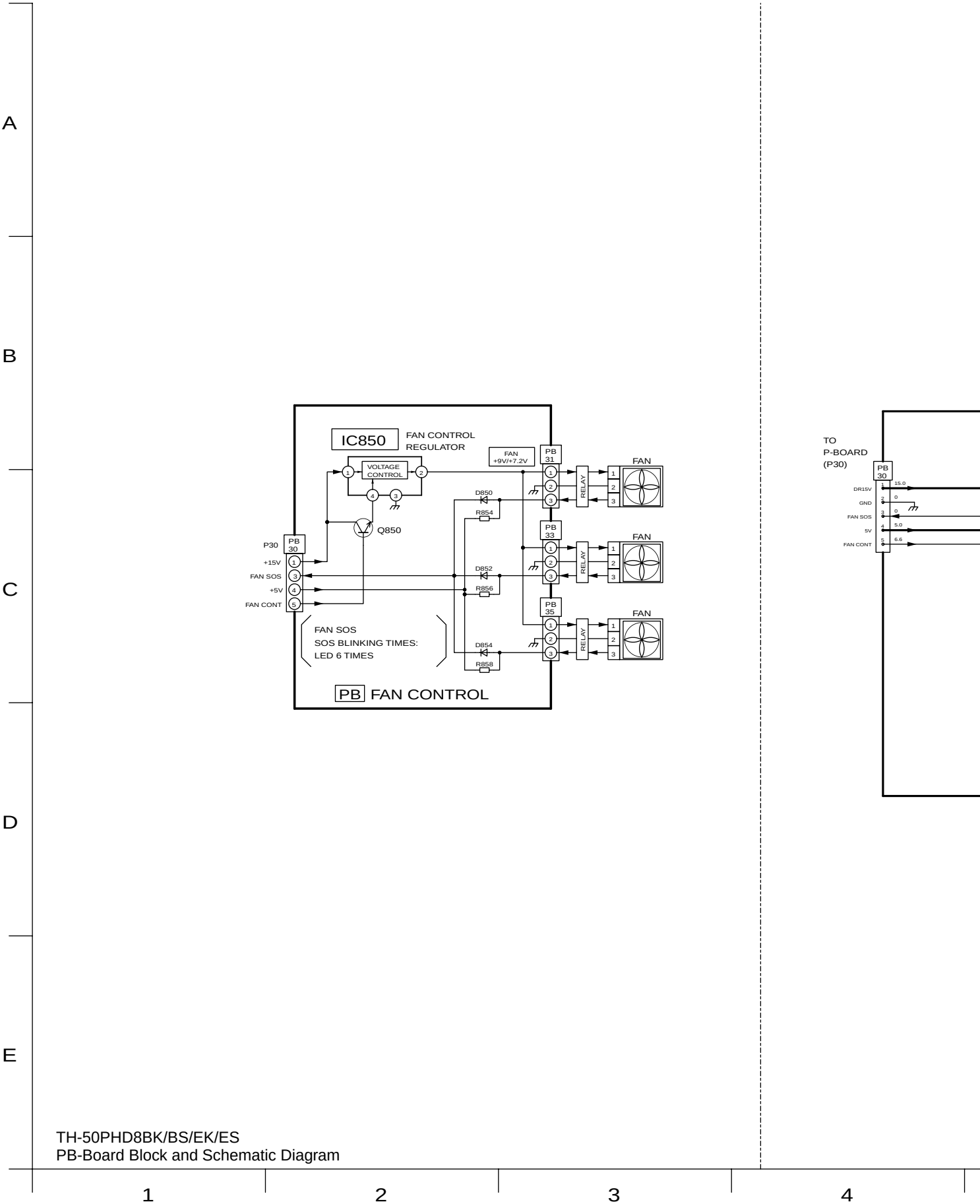
TH-50PHD8BK/BS/EK/ES
P-Board (1 of 2) Schematic Diagram

15.5. P-Board (2 of 2) Schematic Diagram

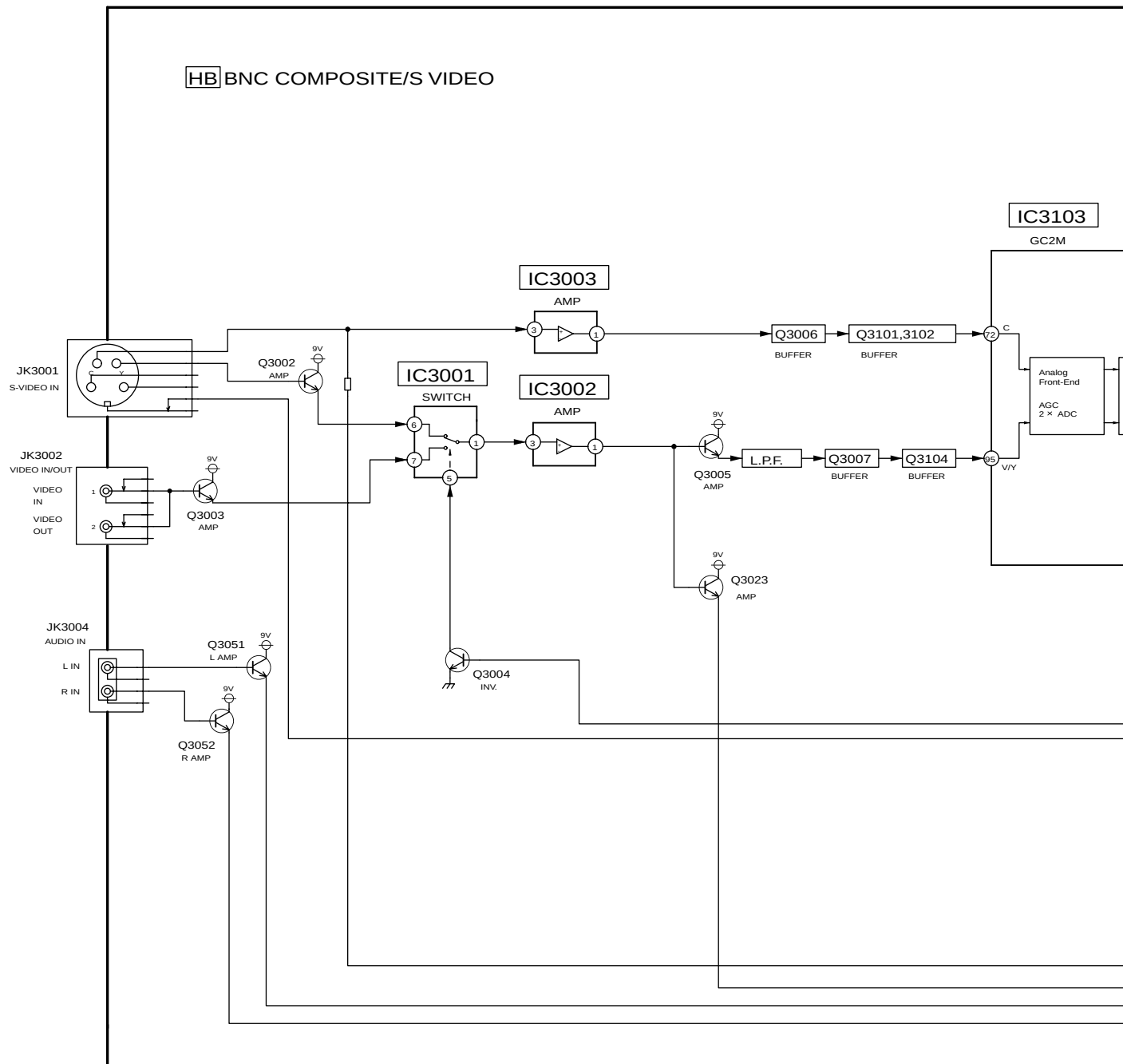


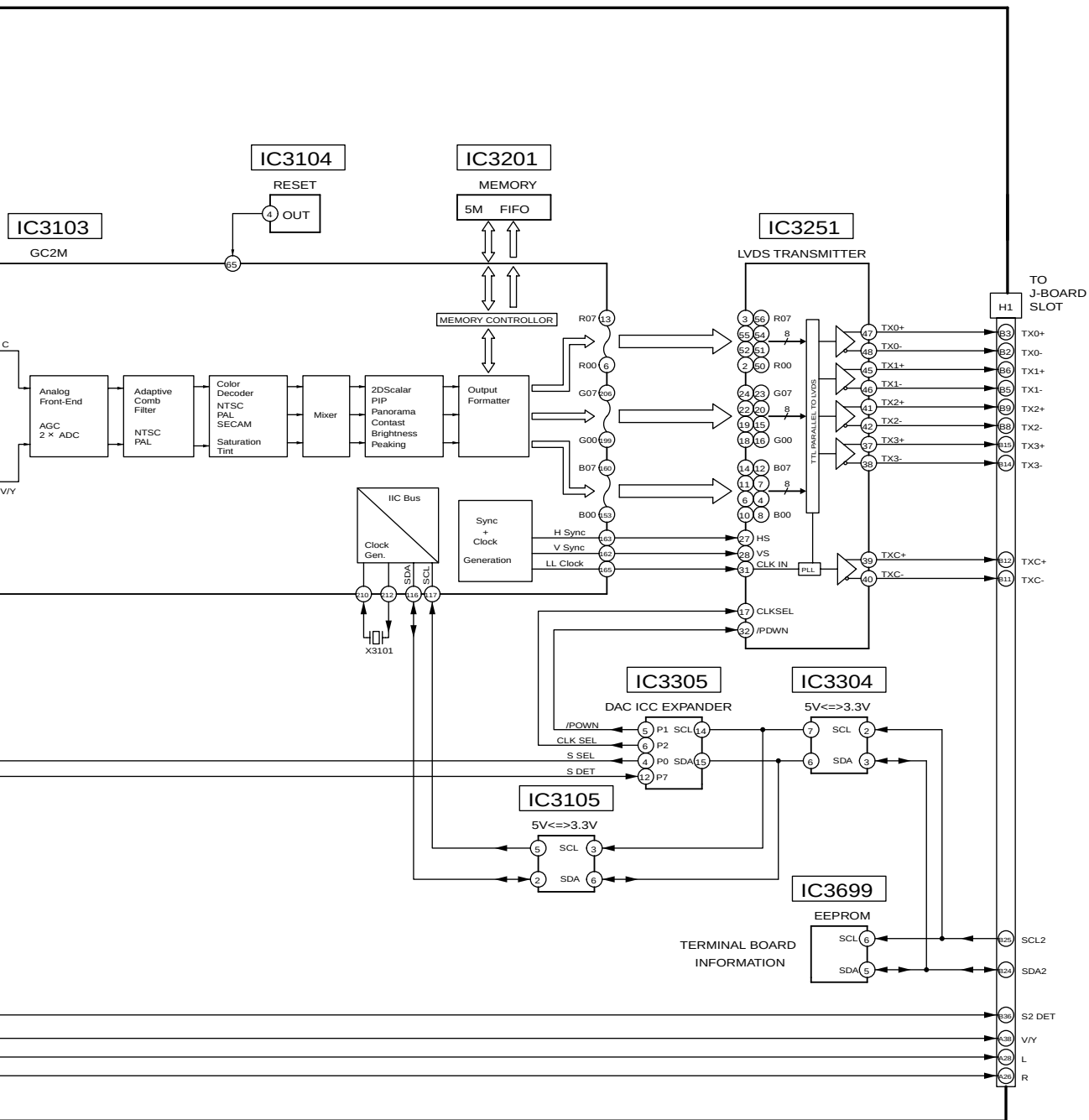
TH-50PHD8BK/BS/EK/ES
P-Board (2 of 2) Schematic Diagram

15.6. PB-Board Block and Schematic Diagram



15.7. HB-Board Block Diagram

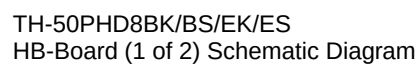




TH-50PHD8BK/BS/EK/ES
HB-Board Block Diagram

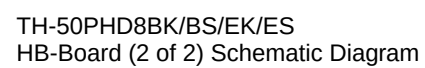


5

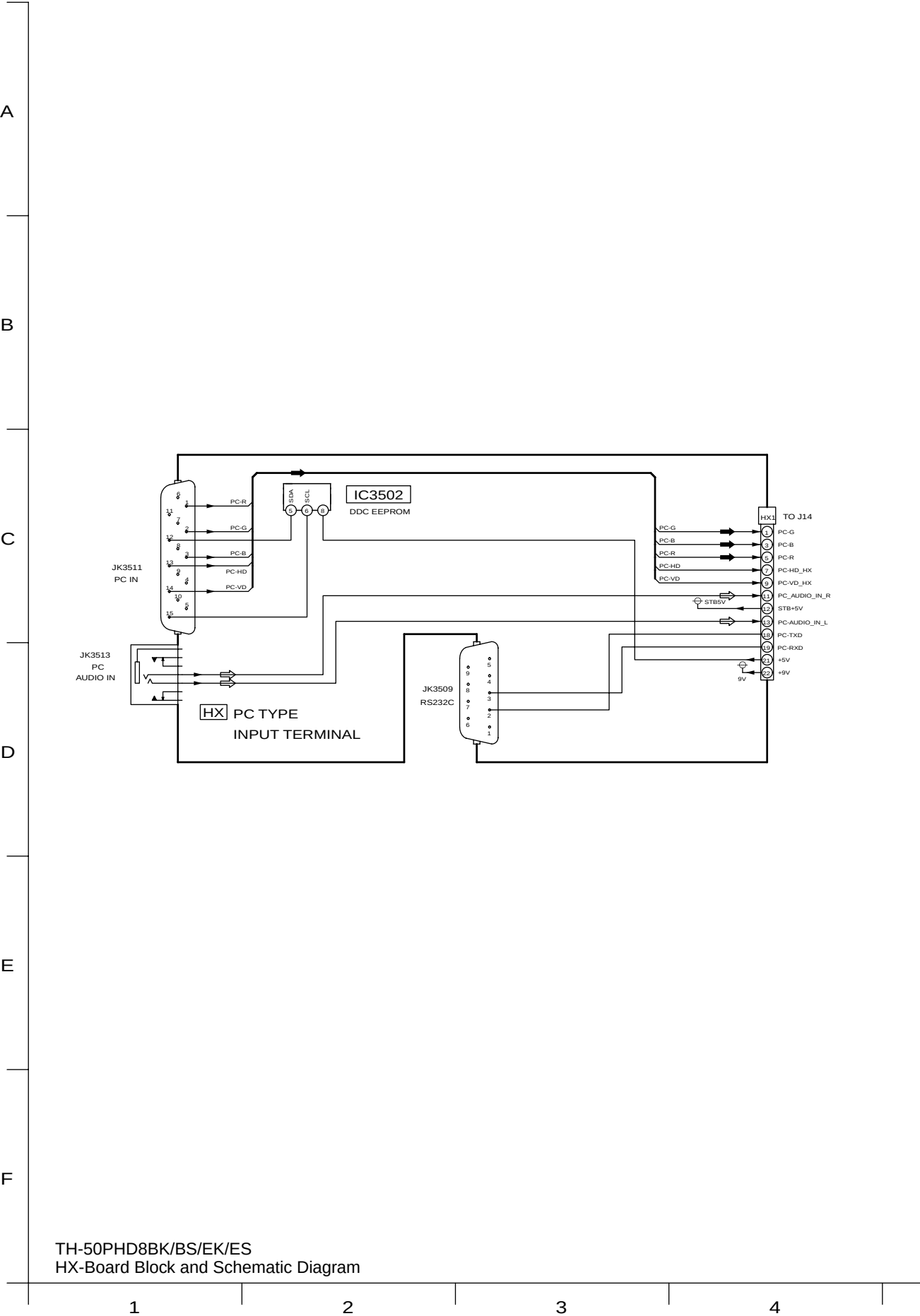


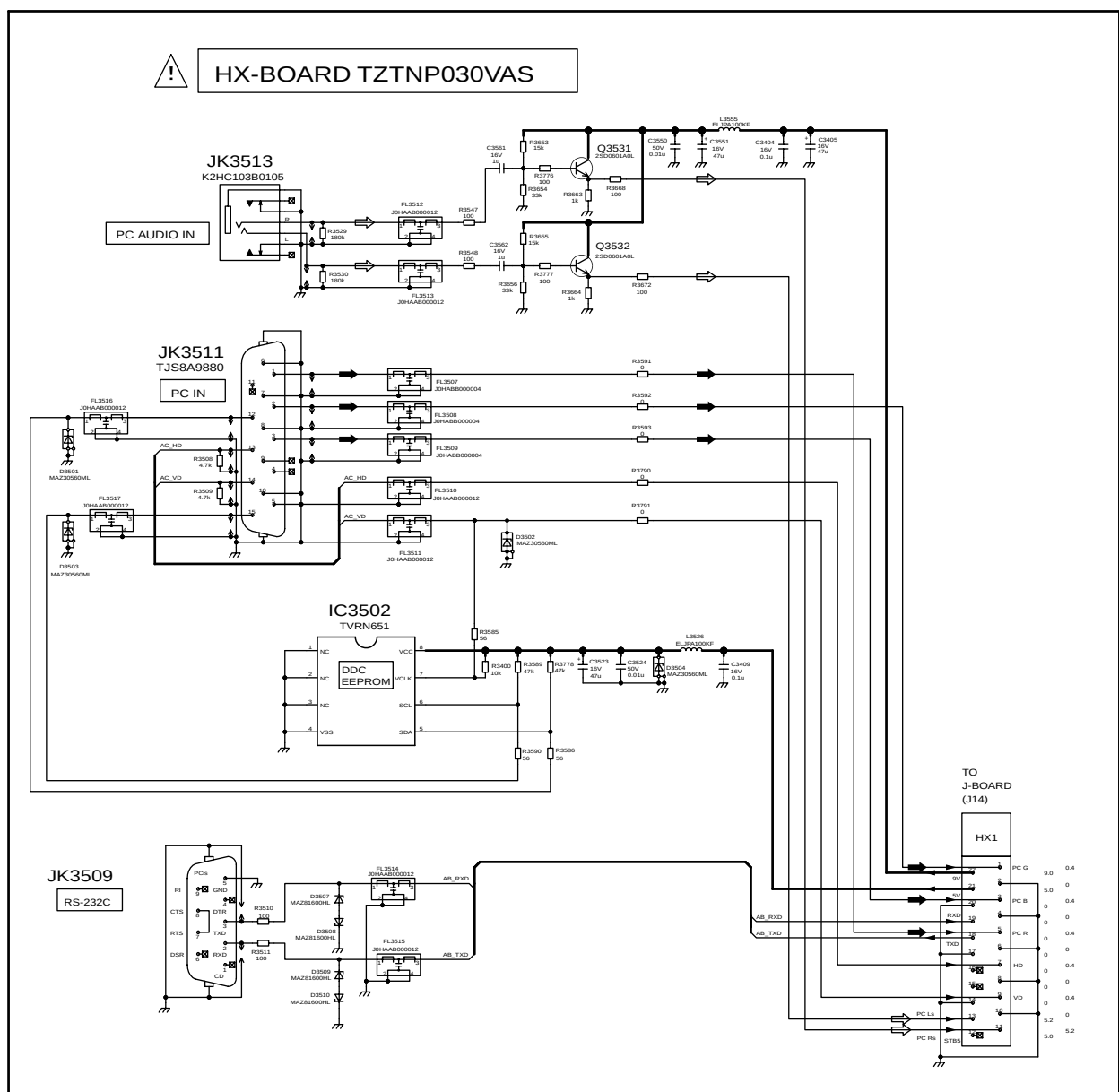


A horizontal number line with tick marks at every integer from 10 to 14. The numbers 10, 11, 12, 13, and 14 are labeled below the line.



15.10. HX-Board Block and Schematic Diagram

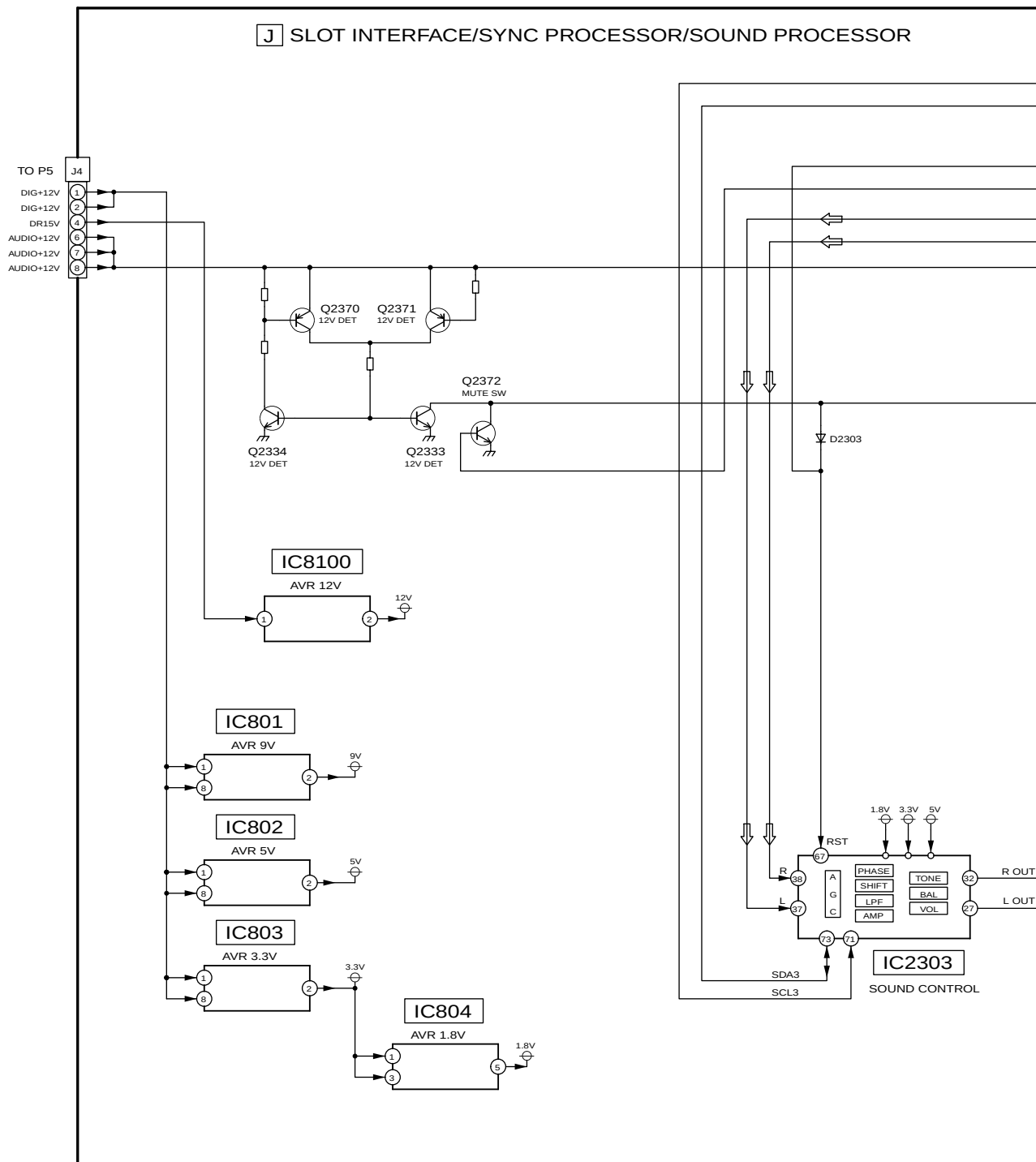




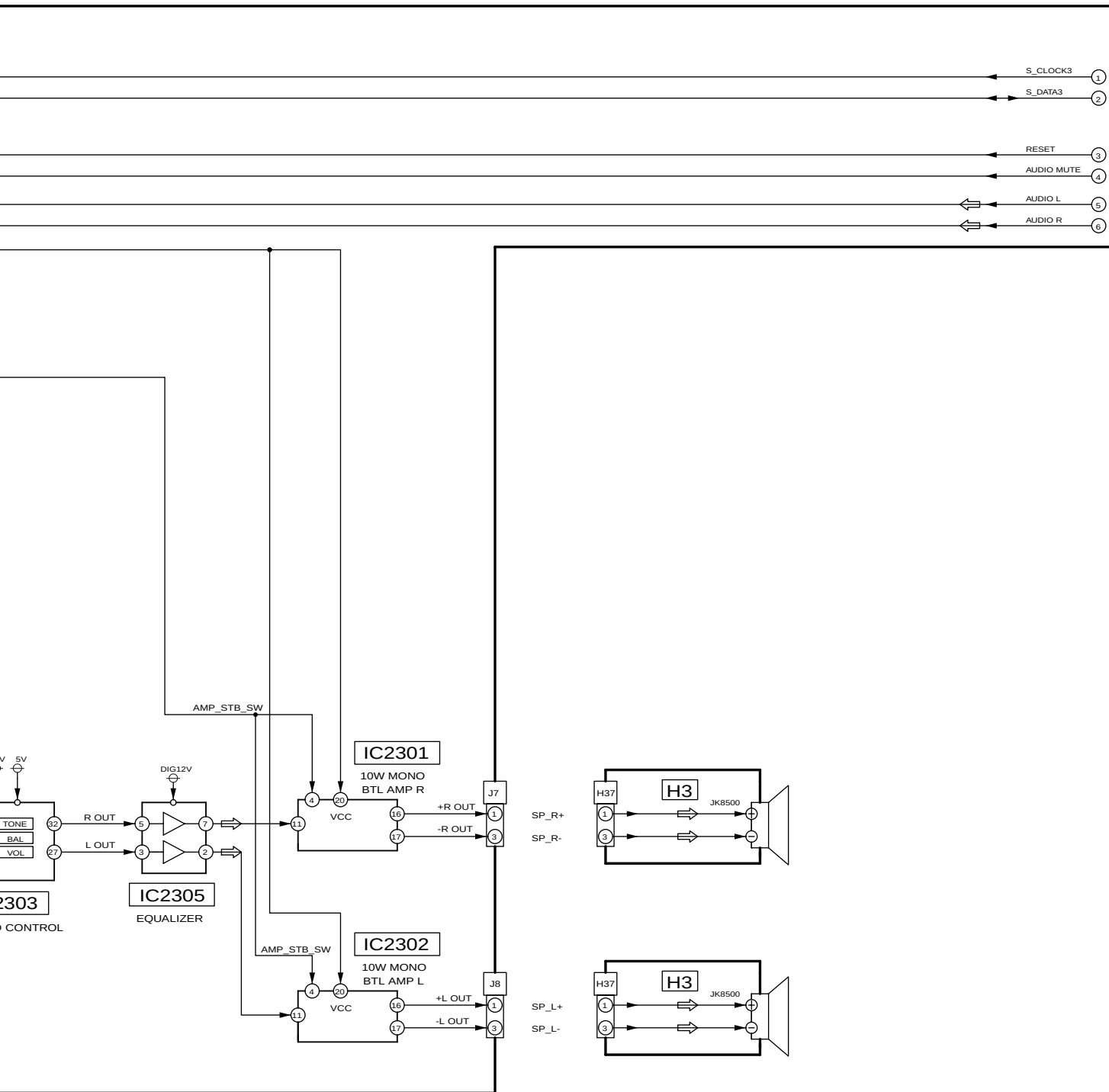
5



15.11. J-Board (1 of 2) and H3-Board Block Diagram



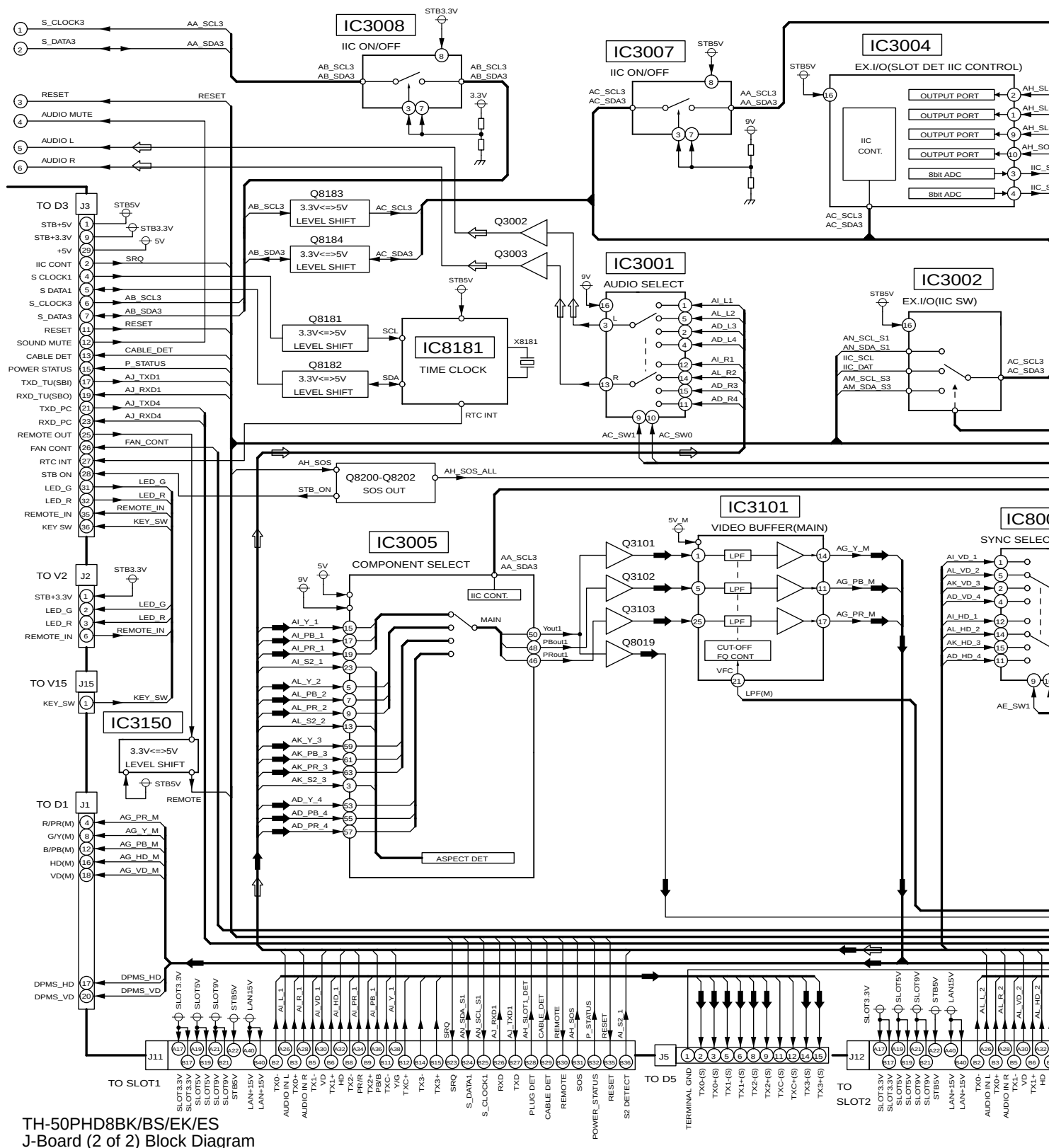
TH-50PHD8BK/BS/EK/ES
J-Board (1 of 2) and H3-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
J-Board (1 of 2) and H3-Board Block Diagram

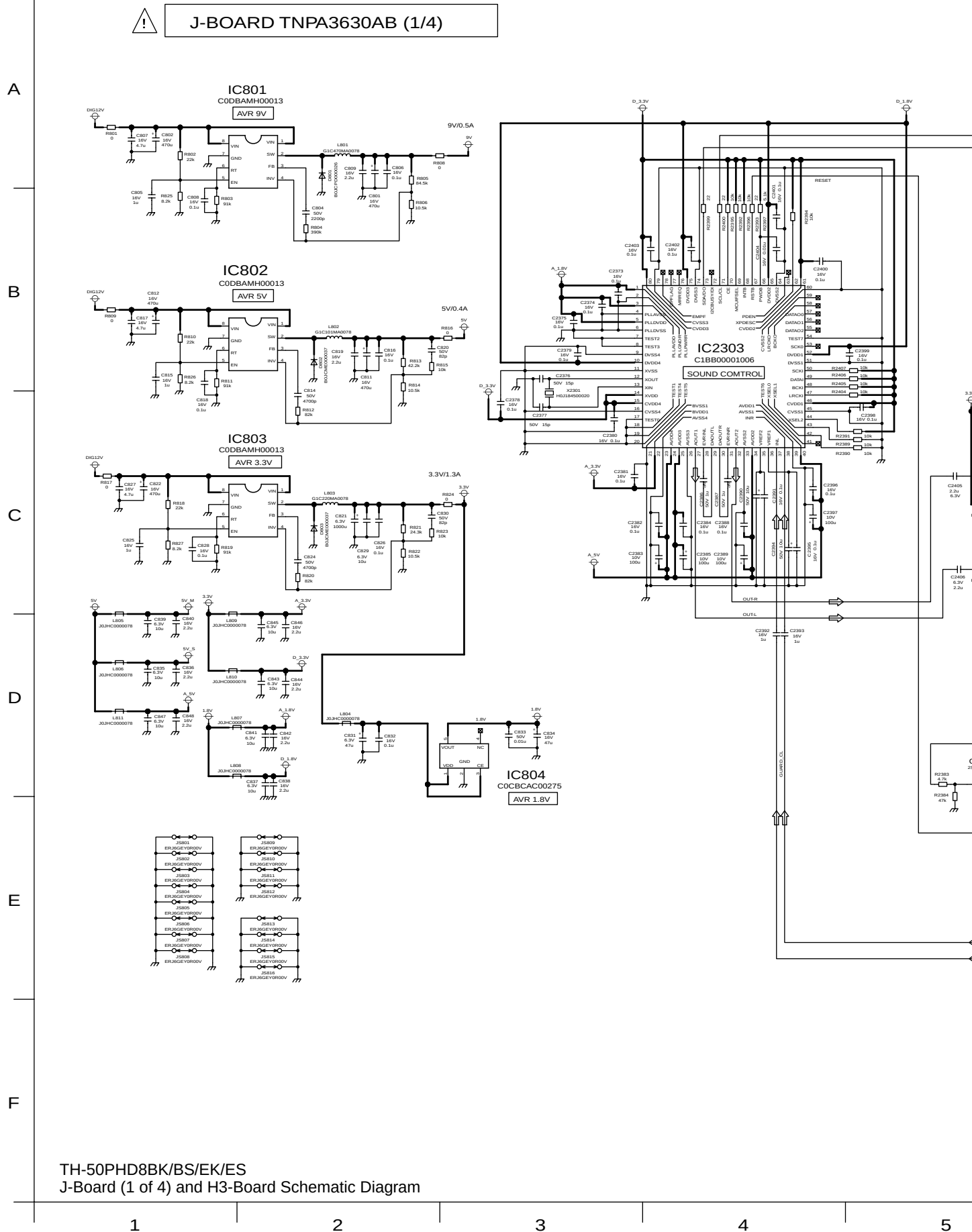
15.12. J-Board (2 of 2) Block Diagram

J SLOT INTERFACE/SYNC PROCESSOR/SOUND PROCESSOR

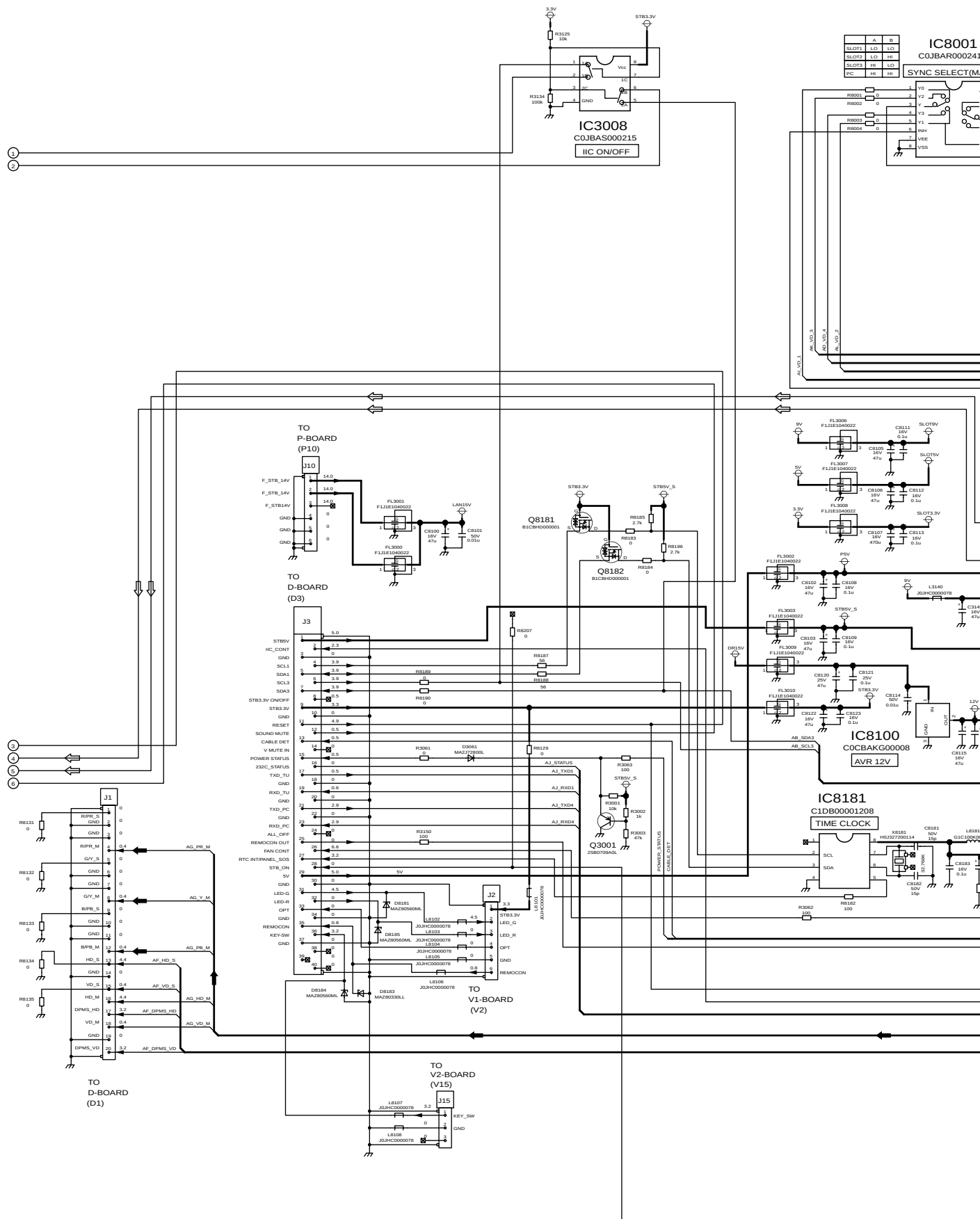


TH-50PHD8BK/BS/EK/ES
J-Board (2 of 2) Block Diagram

15.13. J-Board (1 of 4) and H3-Board Schematic Diagram

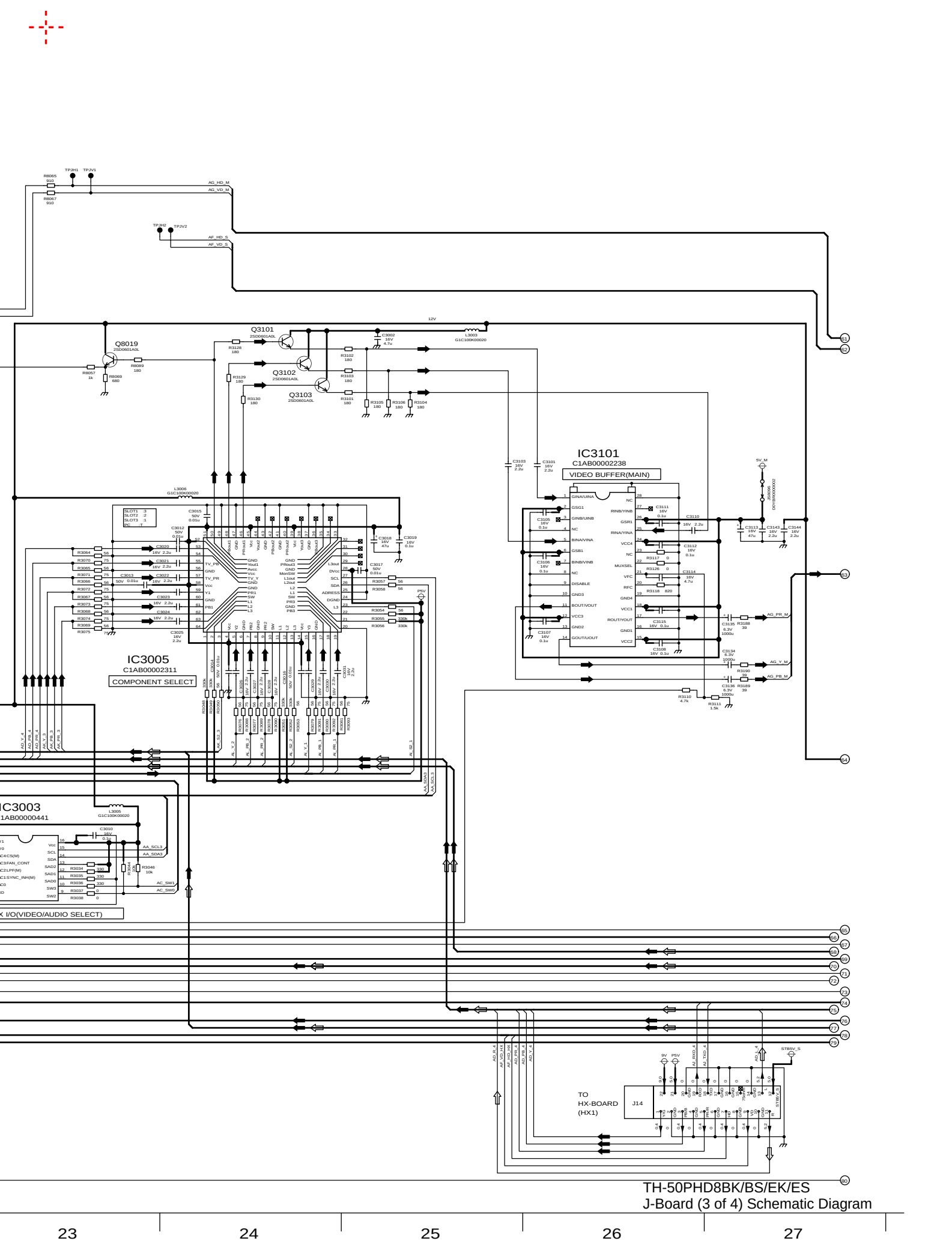


15.14. J-Board (2 of 4) Schematic Diagram



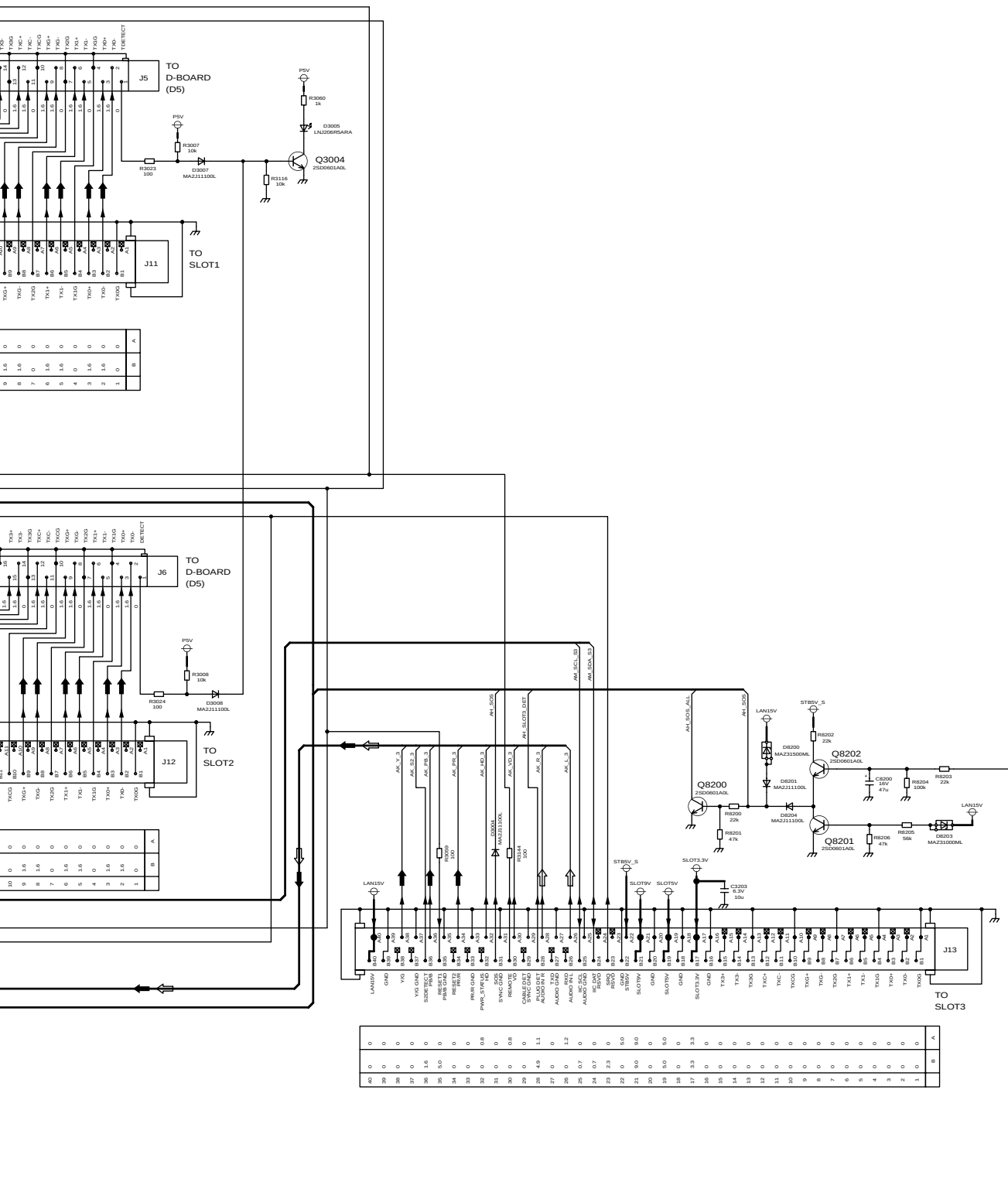


47 TH-50PHD8BK/BS/EK/ES
J-Board (3 of 4) Schematic Diagram



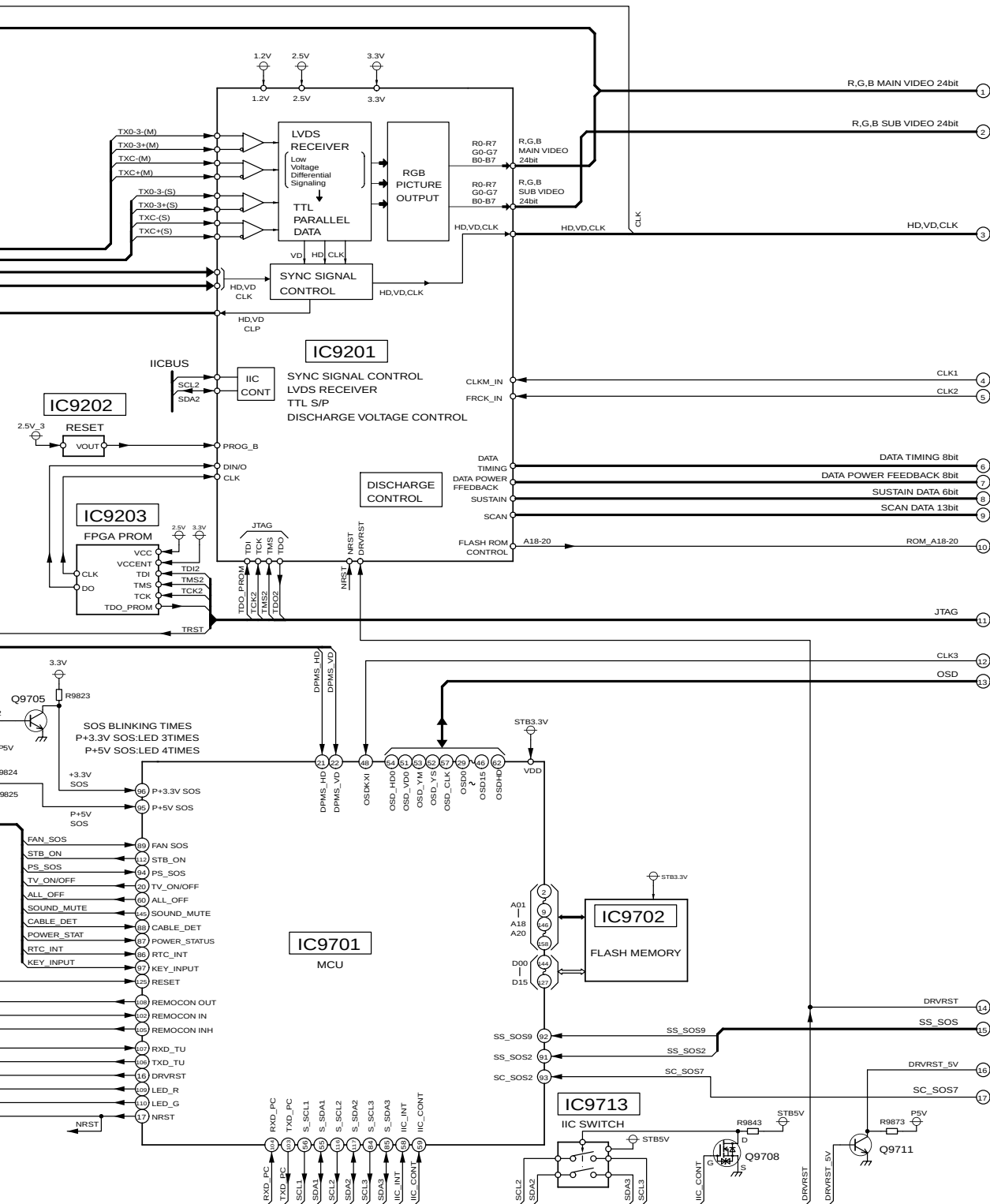


TH-50PHD8BK/BS/EK/ES
J-Board (4 of 4) Schematic Diagram



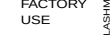


79



TH-50PHD8BK/BS/EK/ES
D-Board (1 of 2) Block Diagram

D



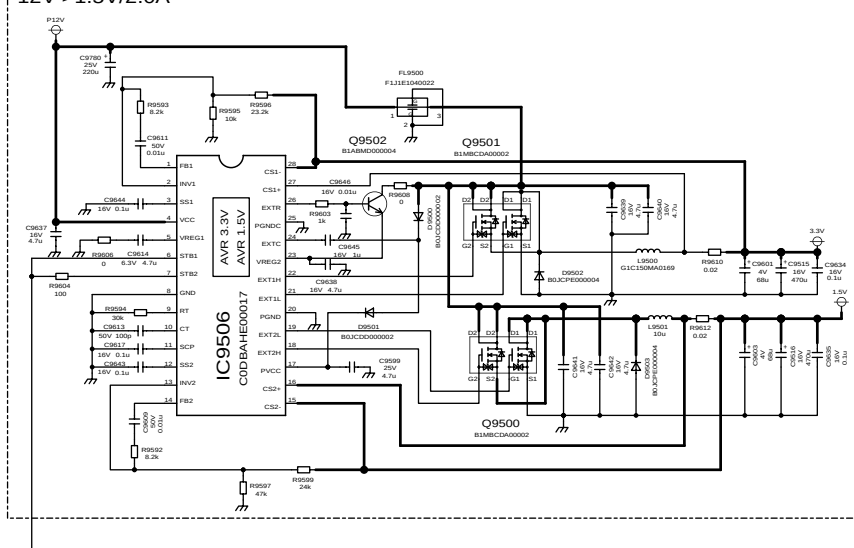
30

15.19. D-Board (1 of 12) Schematic Diagram

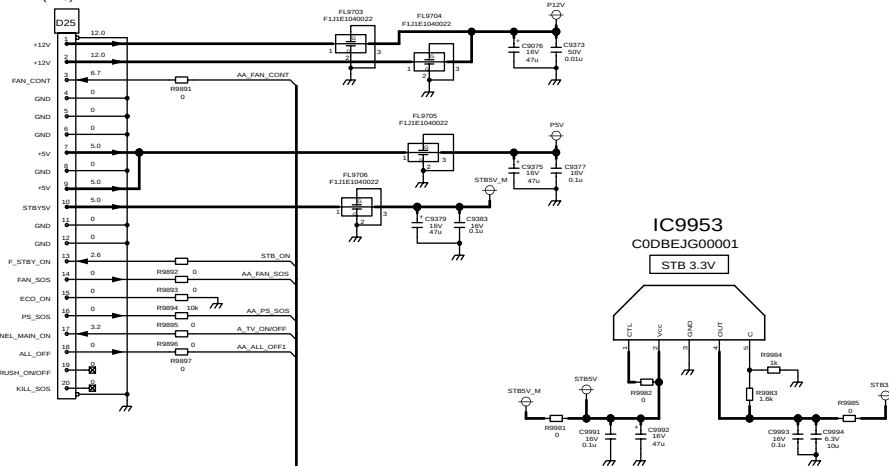


D-BOARD TZTNP01YSSE (1/12)

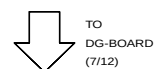
12V->3.3V/1.4A
12V->1.5V/2.0A



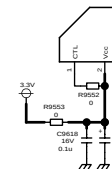
TO
P-BOARD
(P25)



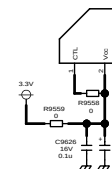
TH-50PHD8BK/BS/EK/ES
D-Board (1 of 12) Schematic Diagram



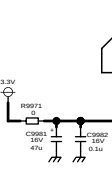
3.3V->2.5V/V

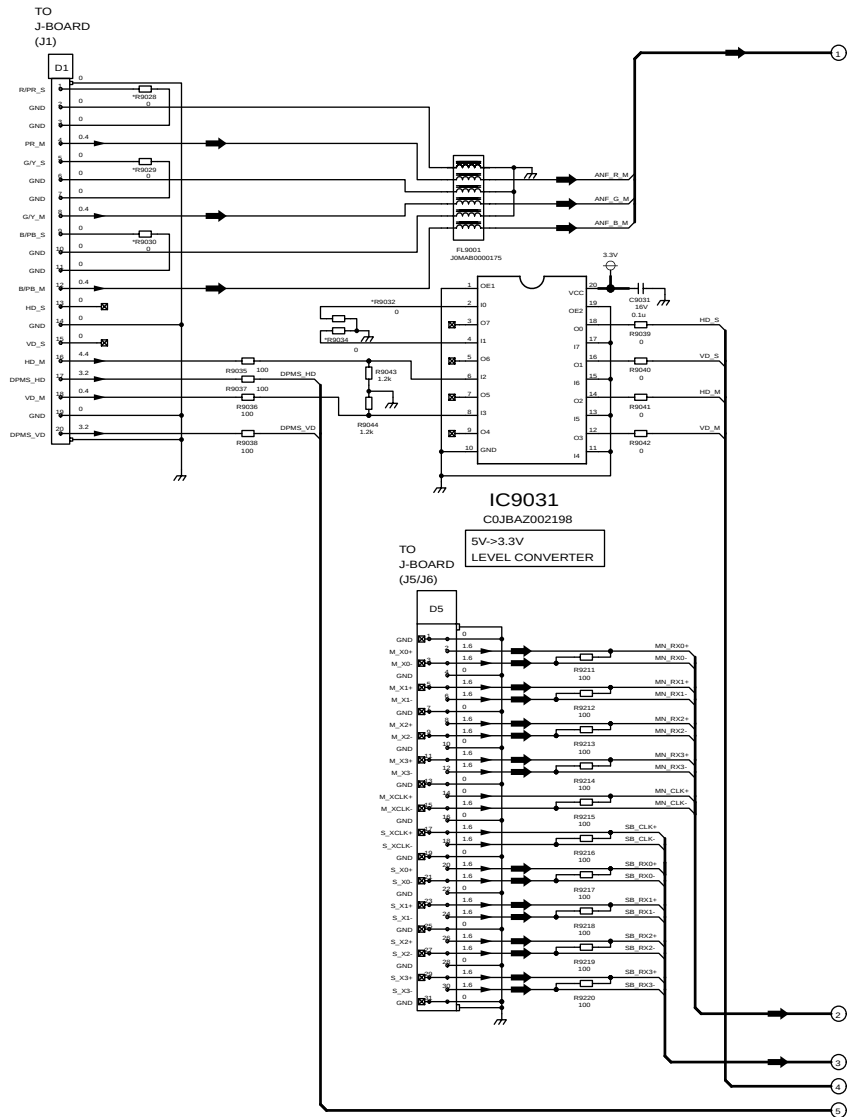


3.3V->2.5V/V

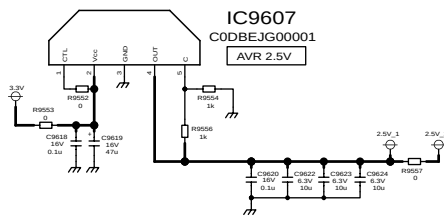


1.2V

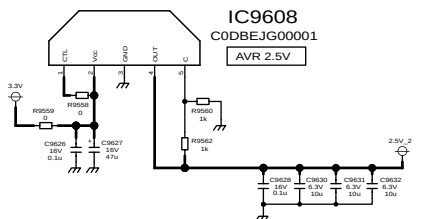




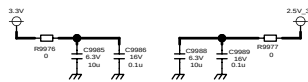
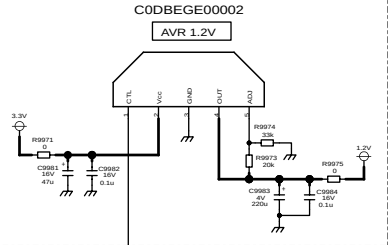
3.3V->2.5V/0.5A



3.3V->2.5V/0.5A



1.2V



TH-50PHD8BK/BS/EK/ES
D-Board (1 of 12) Schematic Diagram

5

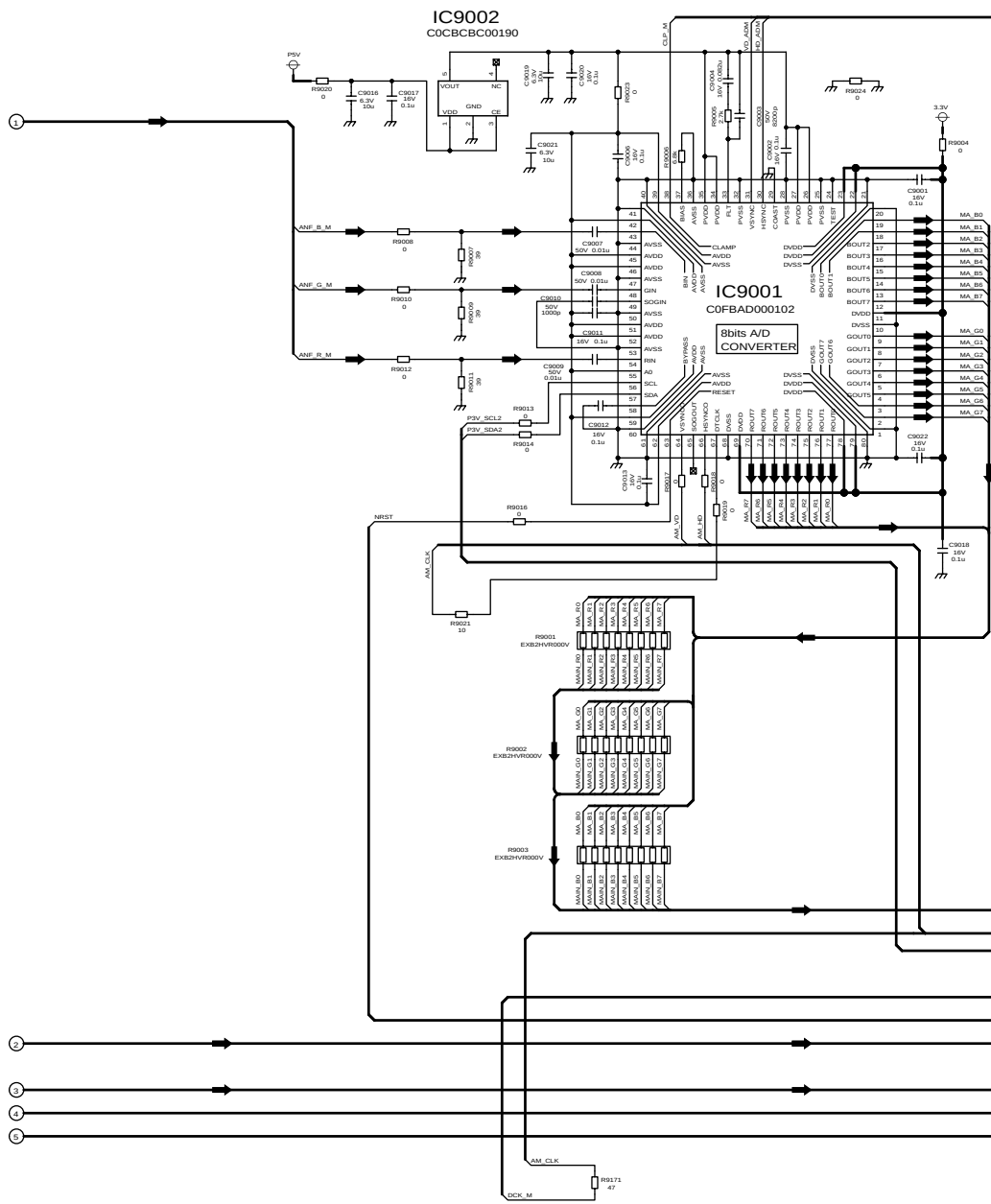
6

7

8

9

15.20. D-Board (2 of 12) Schematic Diagram



TH-50PHD8BK/BS/EK/ES
D-Board (2 of 12) Schematic Diagram

TO
DG-BOARD
(8/12)

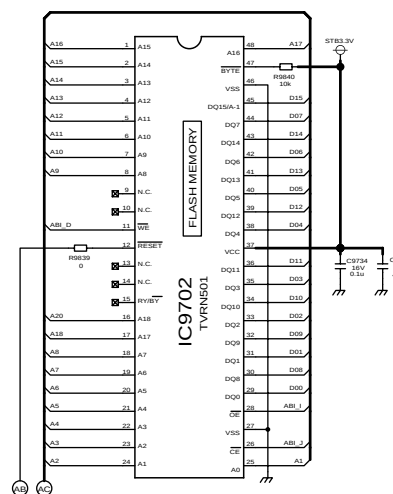
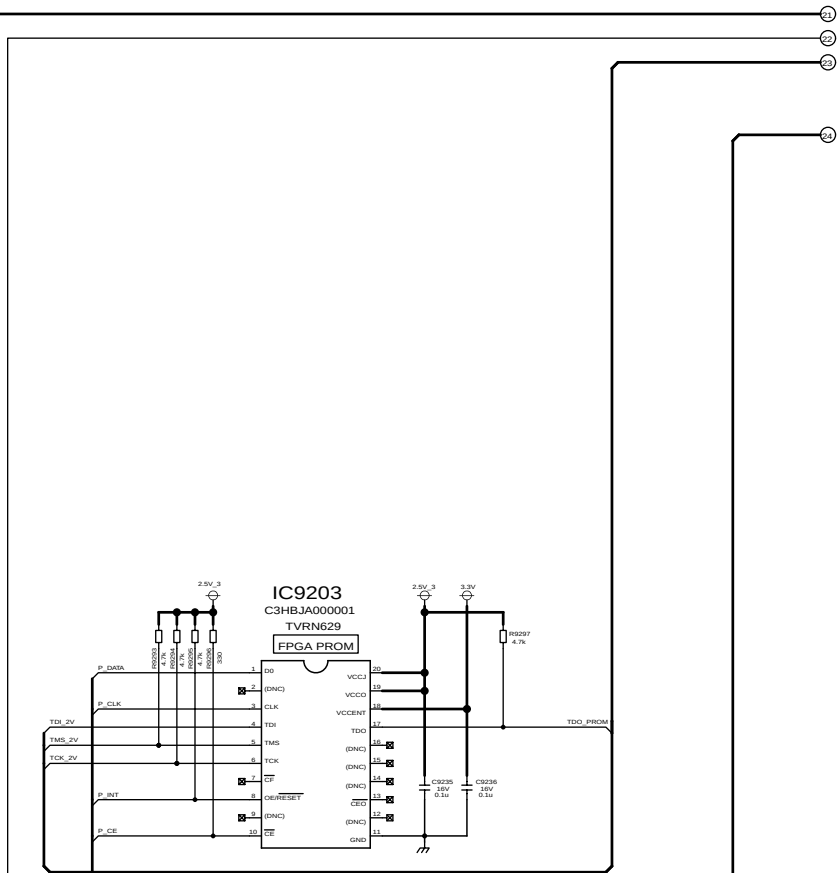
10

11

12

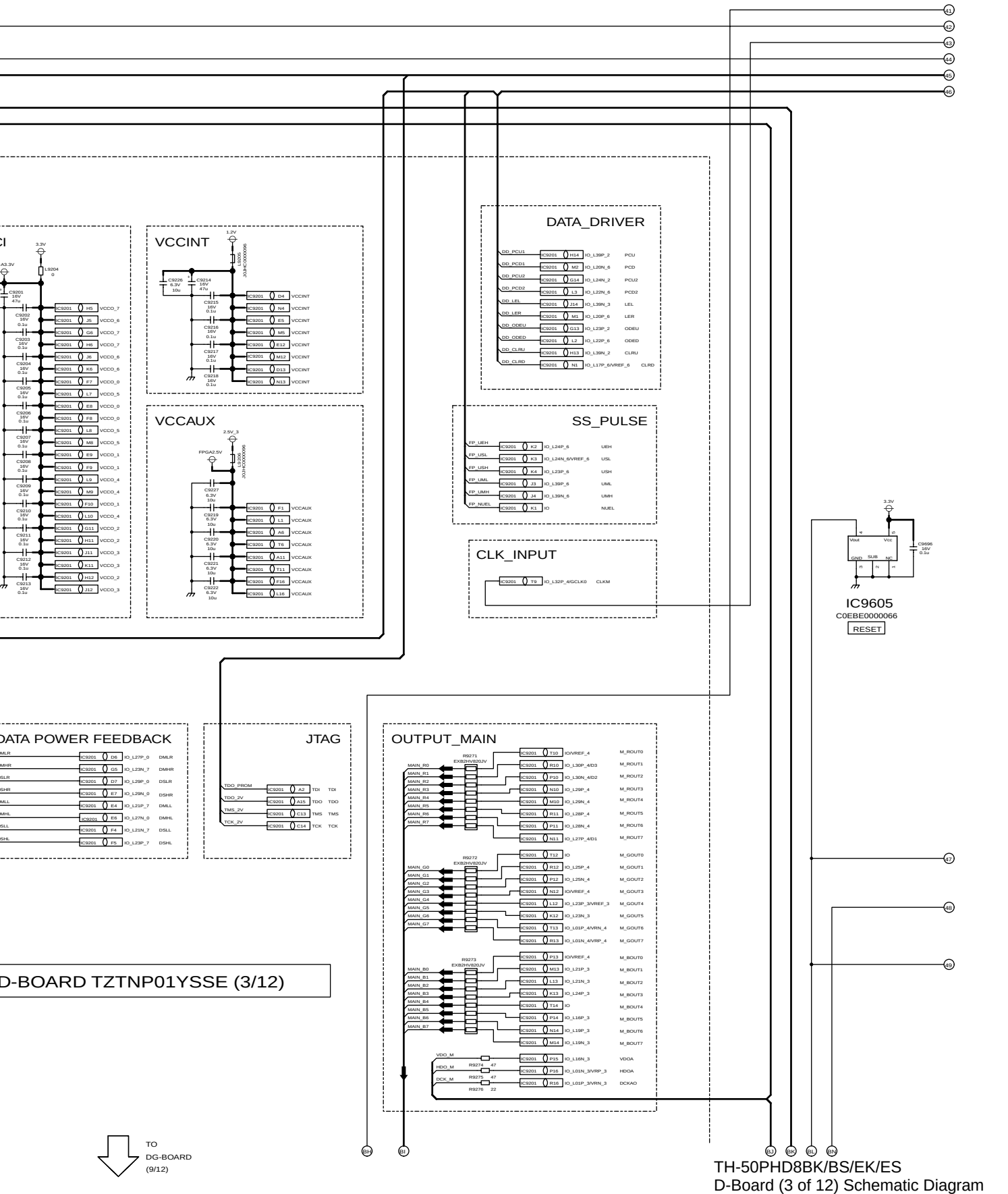
13

14



TH-50PHD8BK/BS/EK/ES
D-Board (2 of 12) Schematic Diagram





23

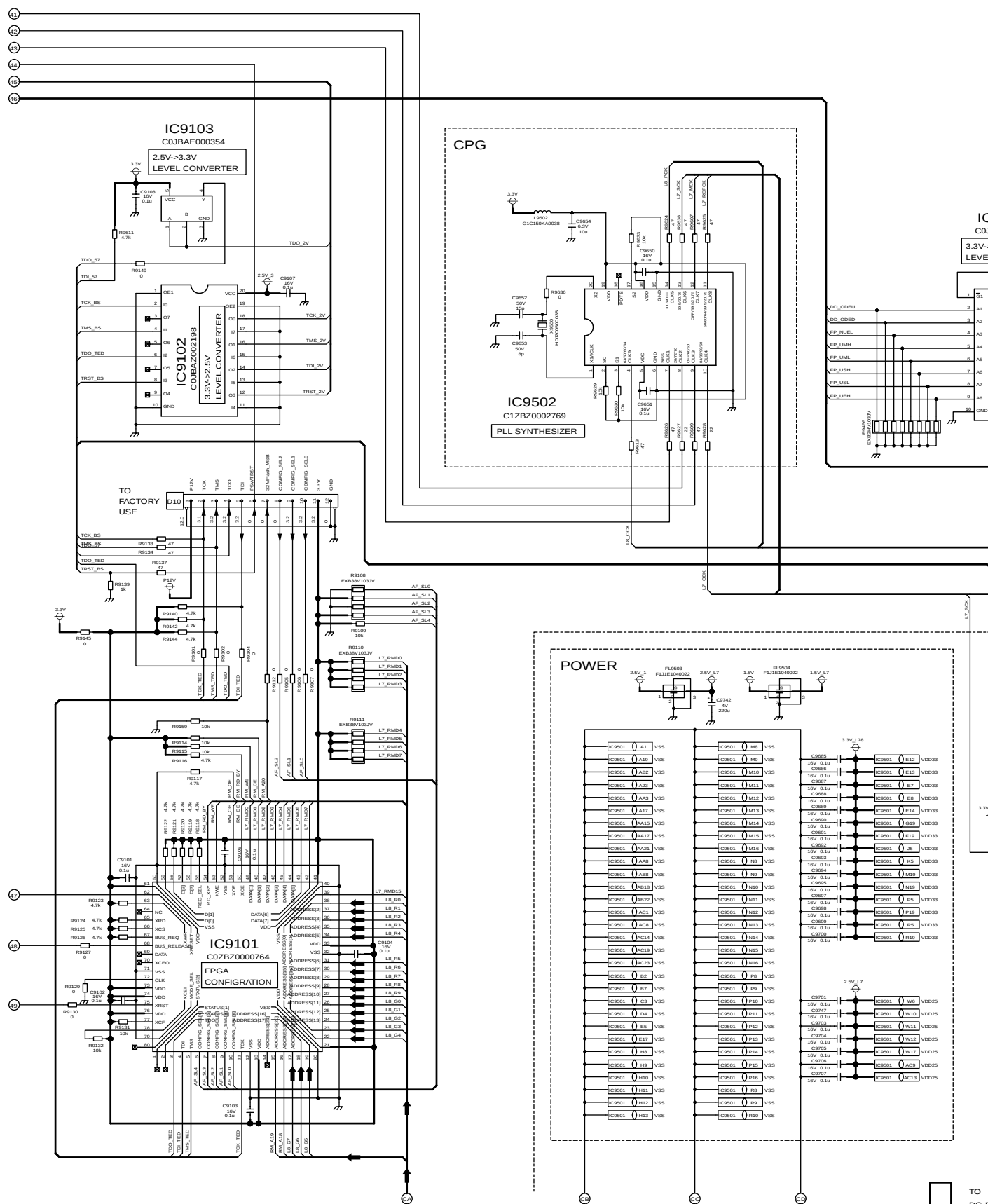
24

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26

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15.22. D-Board (4 of 12) Schematic Diagram



TH-50PHD8BK/BS/EK/ES
D-Board (4 of 12) Schematic Diagram

28

29

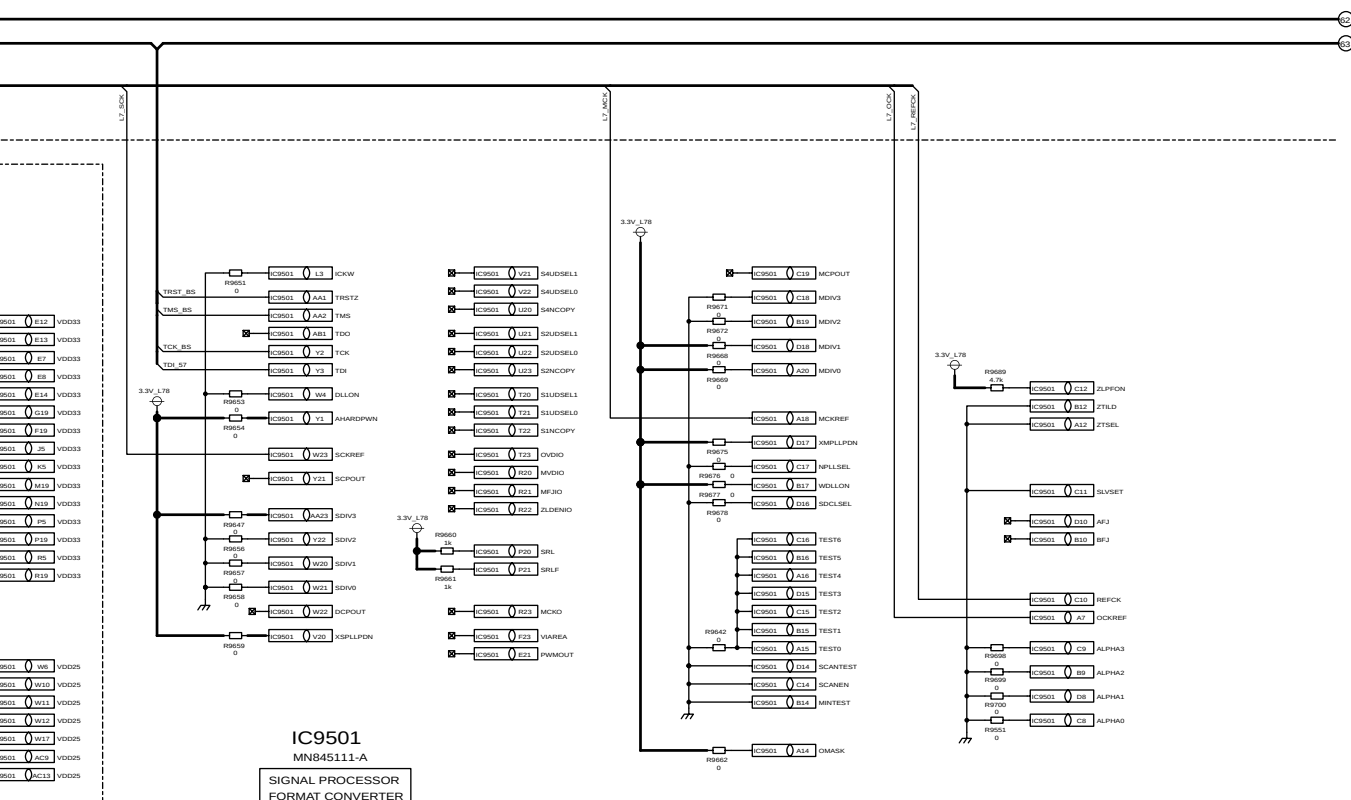
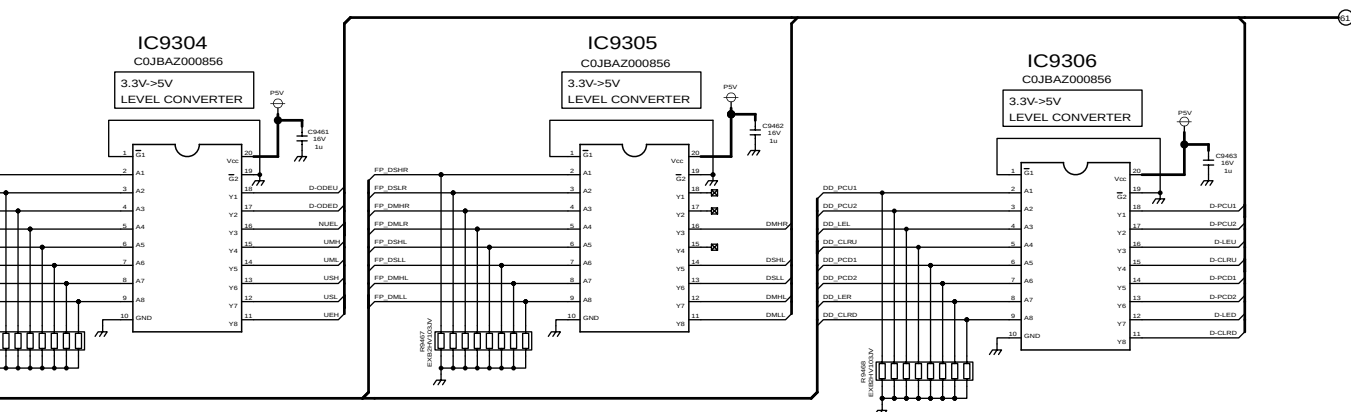
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31

32



!



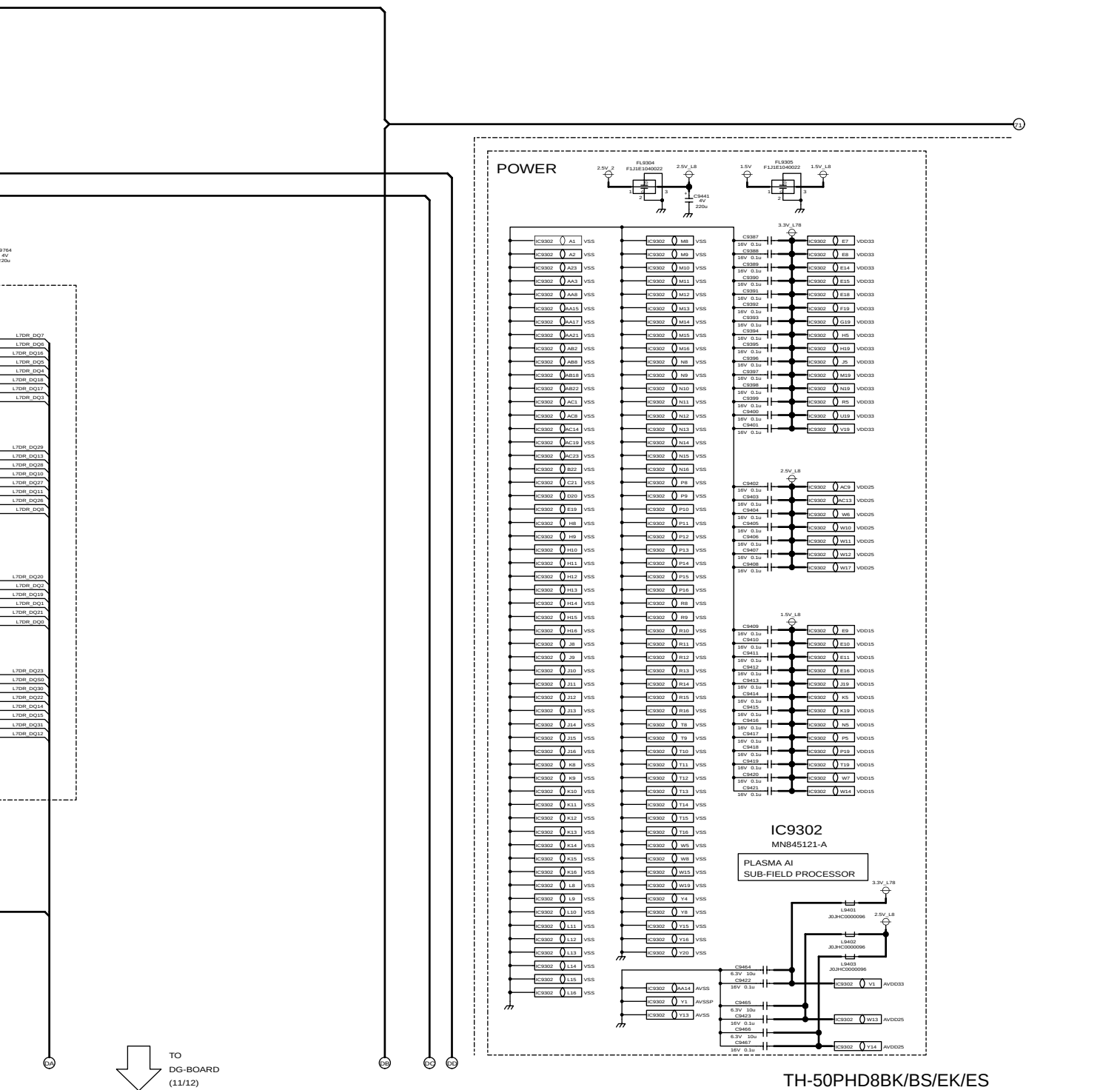
TH-50PHD8BK/BS/EK/ES
D-Board (4 of 12) Schematic Diagram

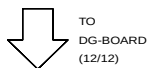


41

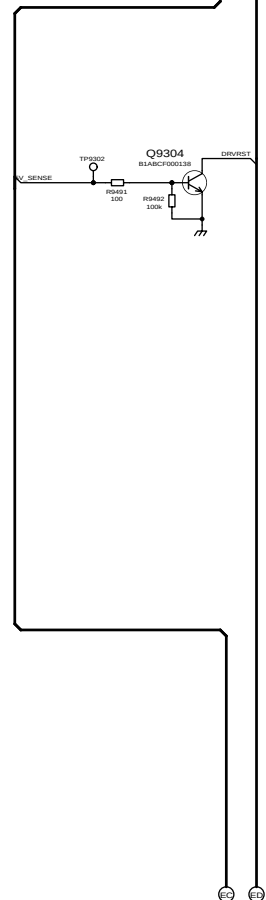
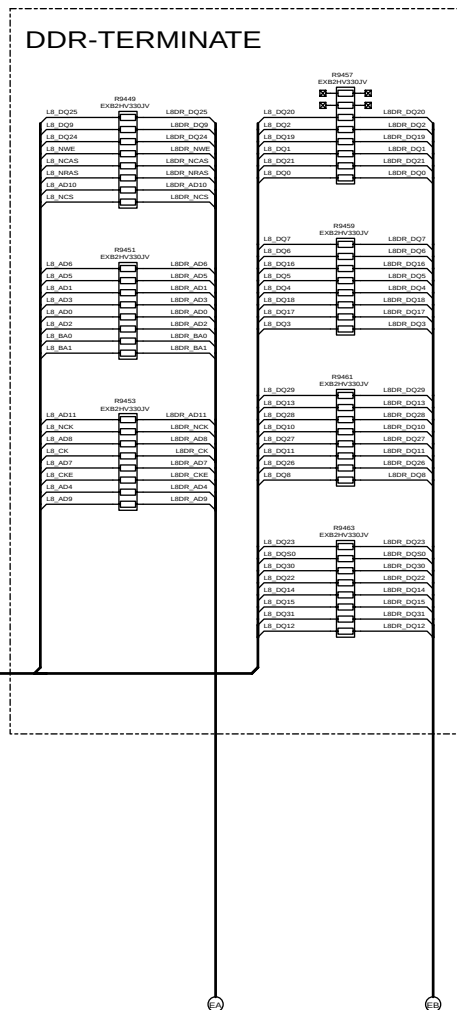
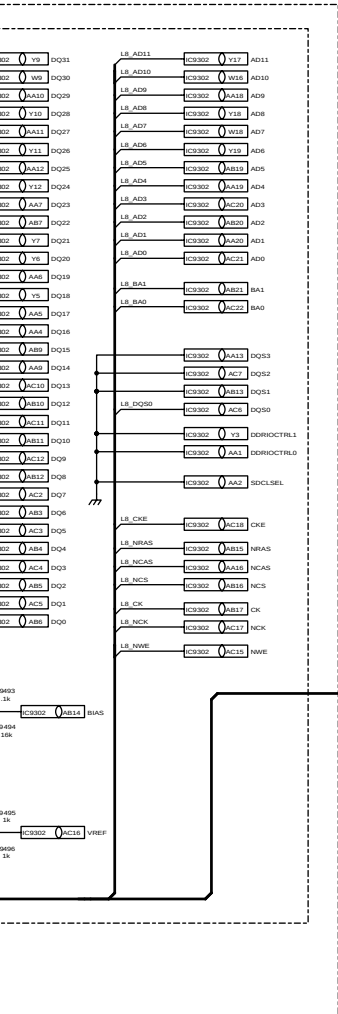
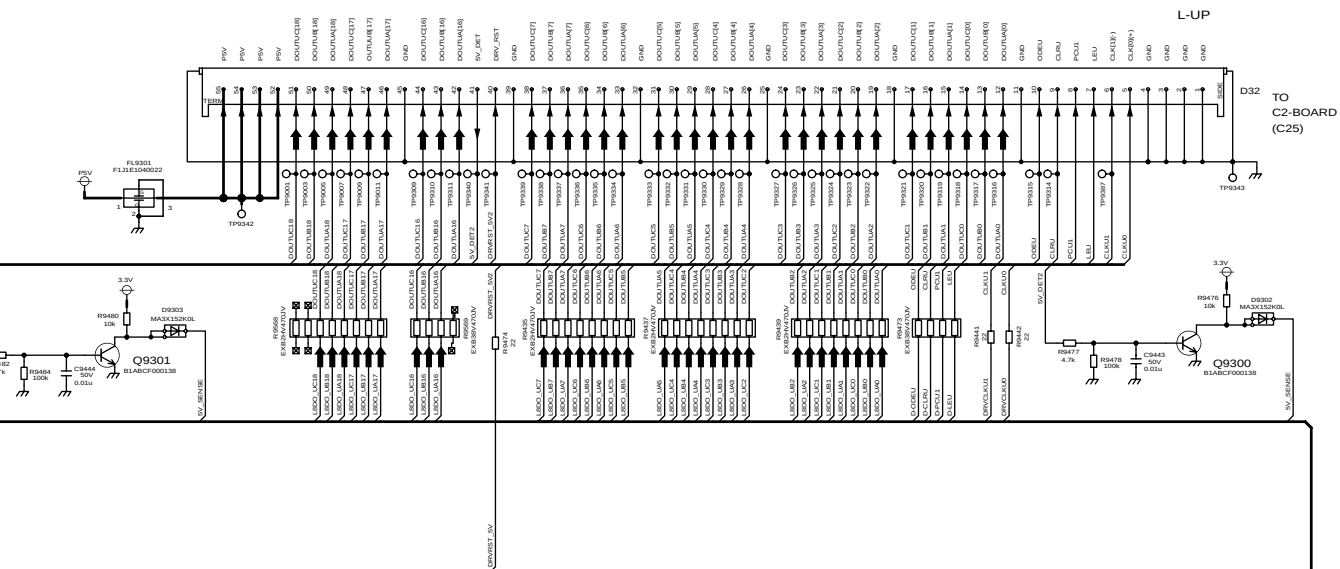


D-BOARD TZTNP01YSSE (5/12)





50



15.25. D-Board (7 of 12) Schematic Diagram

TO
DG-BOARD
(1/12)

A

B

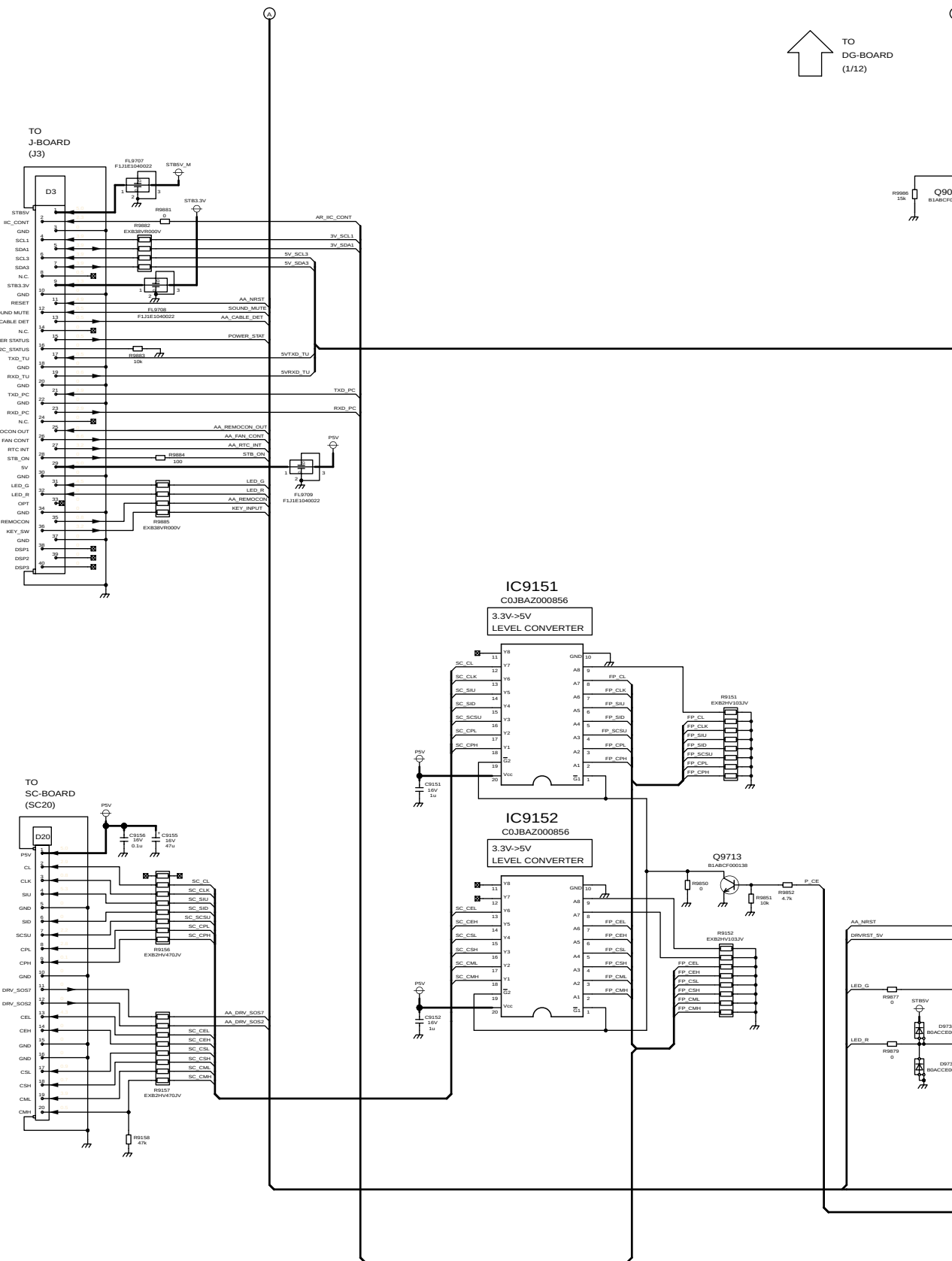
C

D

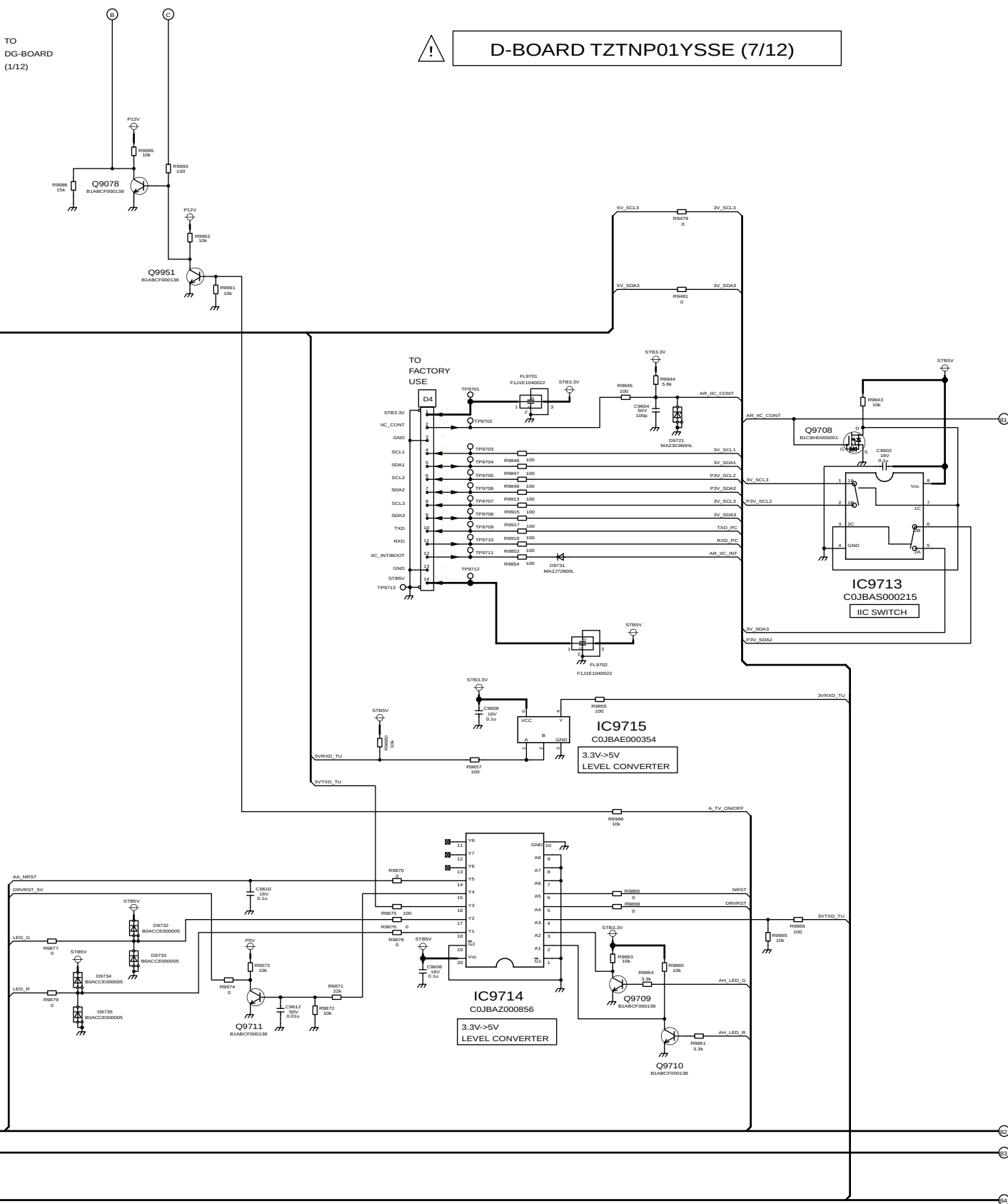
E

F

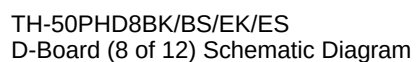
TH-50PHD8BK/BS/EK/ES
D-Board (7 of 12) Schematic Diagram

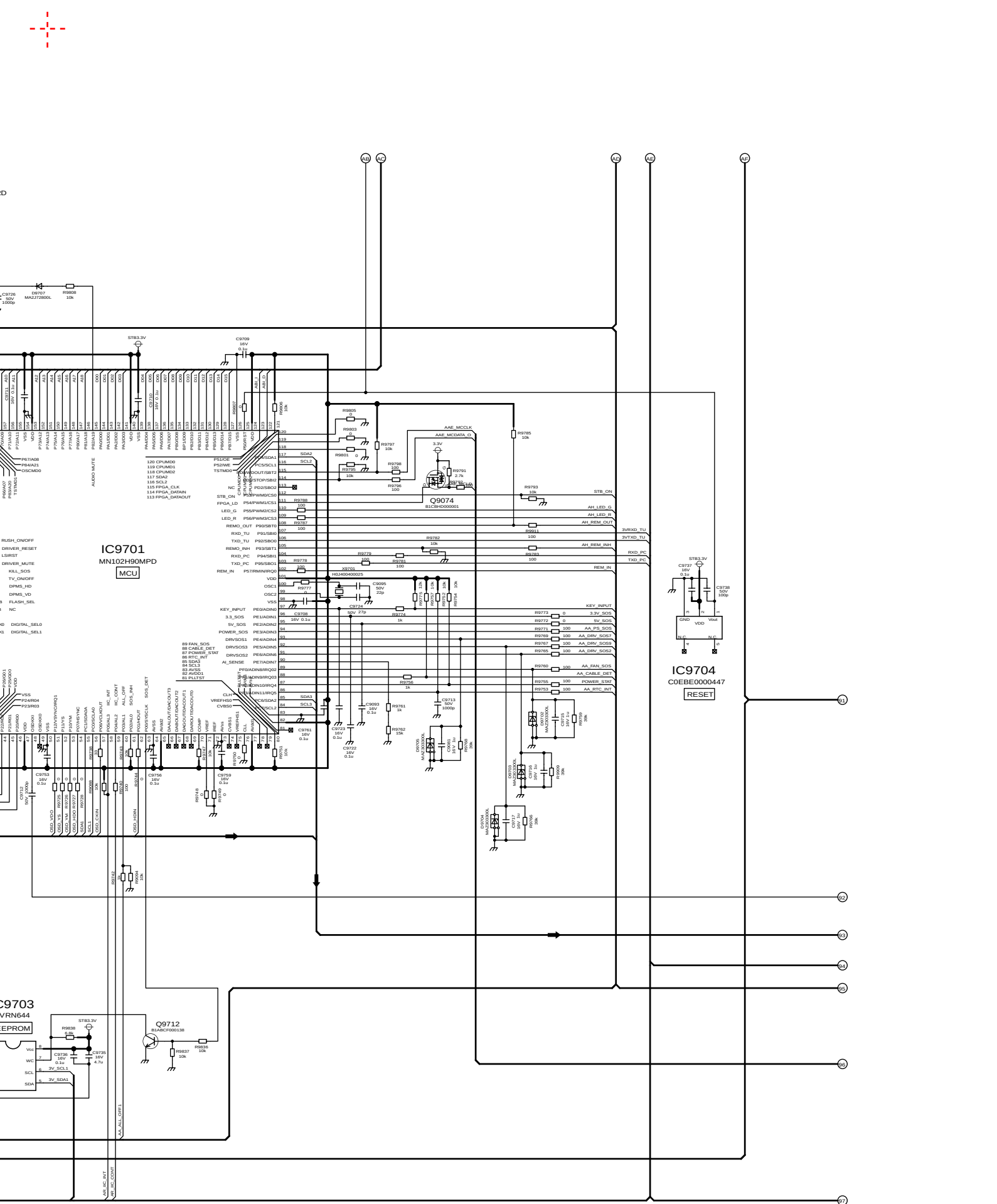


D-BOARD TZTNP01YSSE (7/12)



TH-50PHD8BK/BS/EK/ES
D-Board (7 of 12) Schematic Diagram

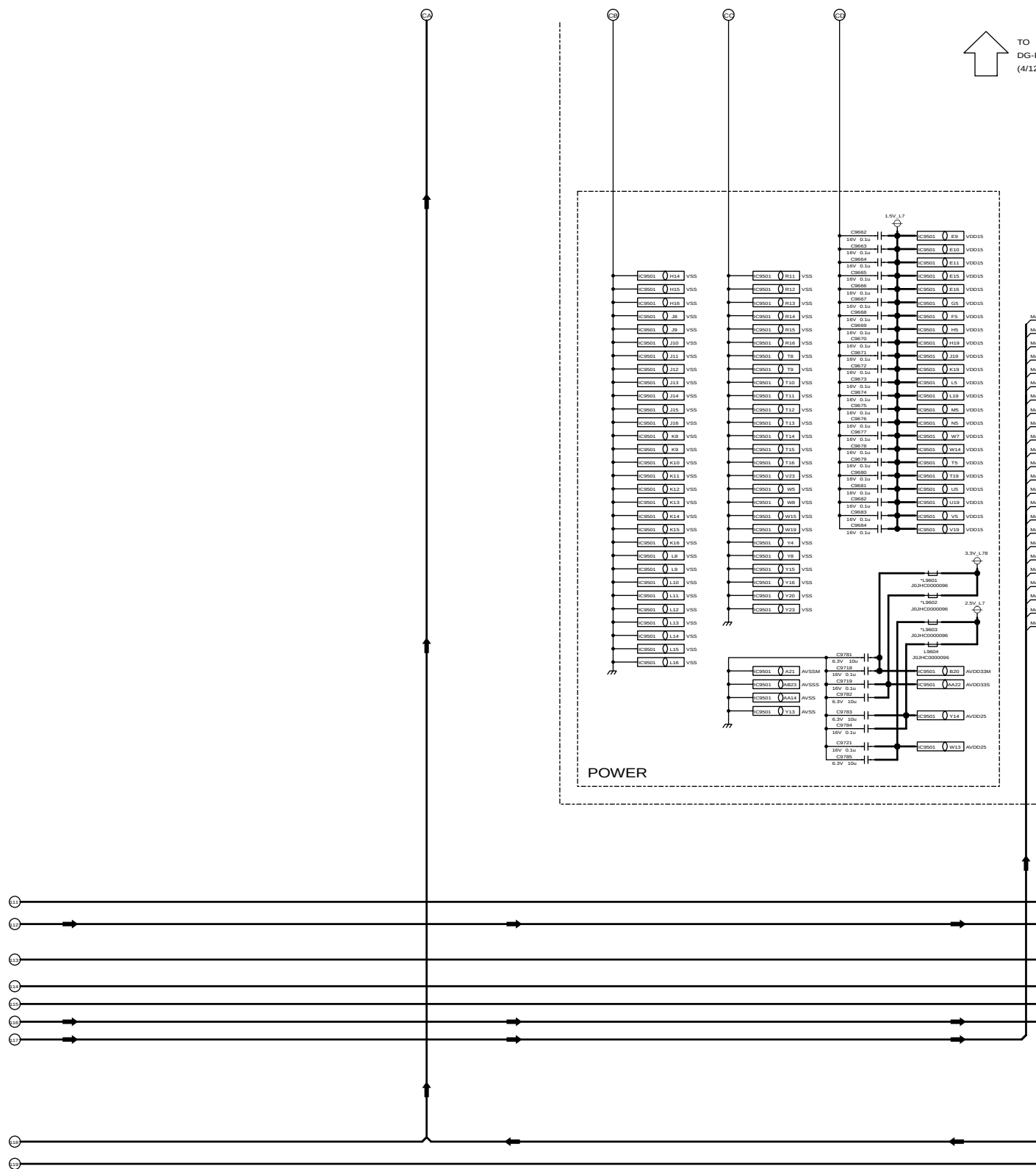




TH-50PHD8BK/BS/EK/ES
D-Board (8 of 12) Schematic Diagram



15.28. D-Board (10 of 12) Schematic Diagram

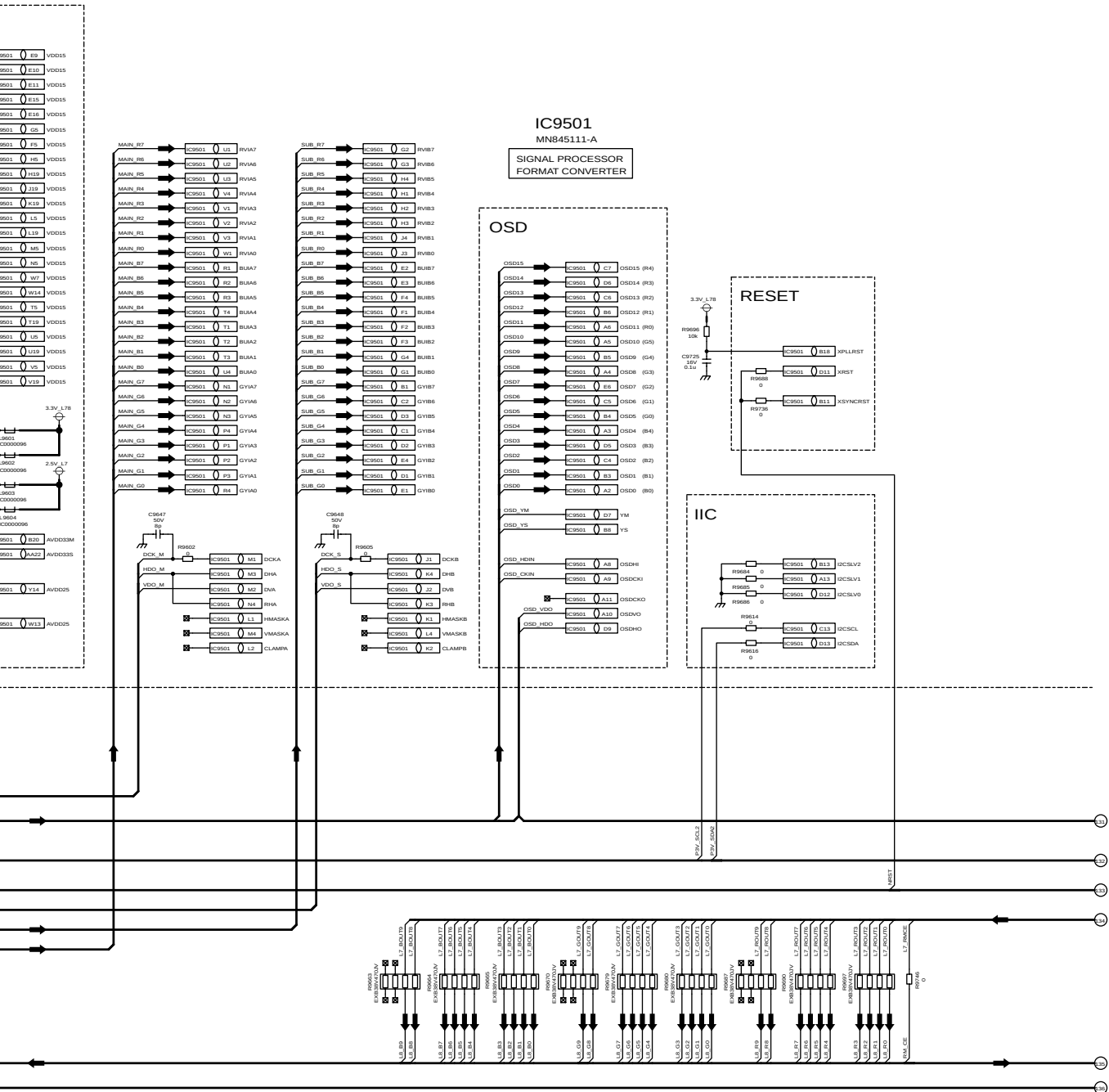


TH-50PHD8BK/BS/EK/ES
D-Board (10 of 12) Schematic Diagram

TO
DG-BOARD
(4/12)



D-BOARD TZTNP01YSSE (10/12)



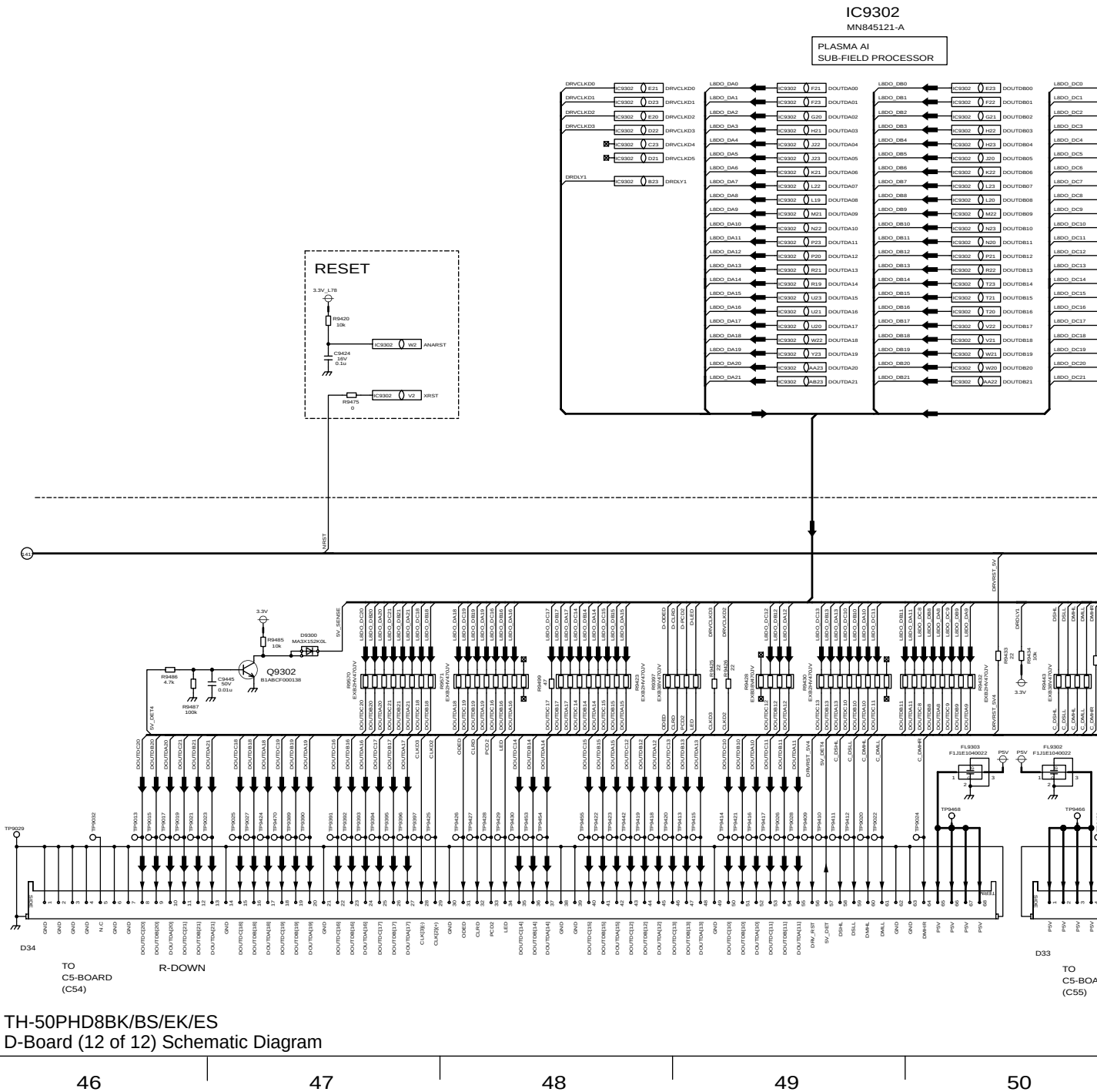
TH-50PHD8BK/BS/EK/ES
D-Board (10 of 12) Schematic Diagram



15.30. D-Board (12 of 12) Schematic Diagram

! D-BOARD TZTNP01YSSE (12/12)

TO
DG-BOARD
(6/12)



TH-50PHD8BK/BS/EK/ES
D-Board (12 of 12) Schematic Diagram

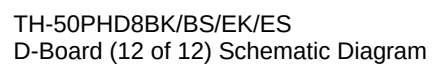
46

47

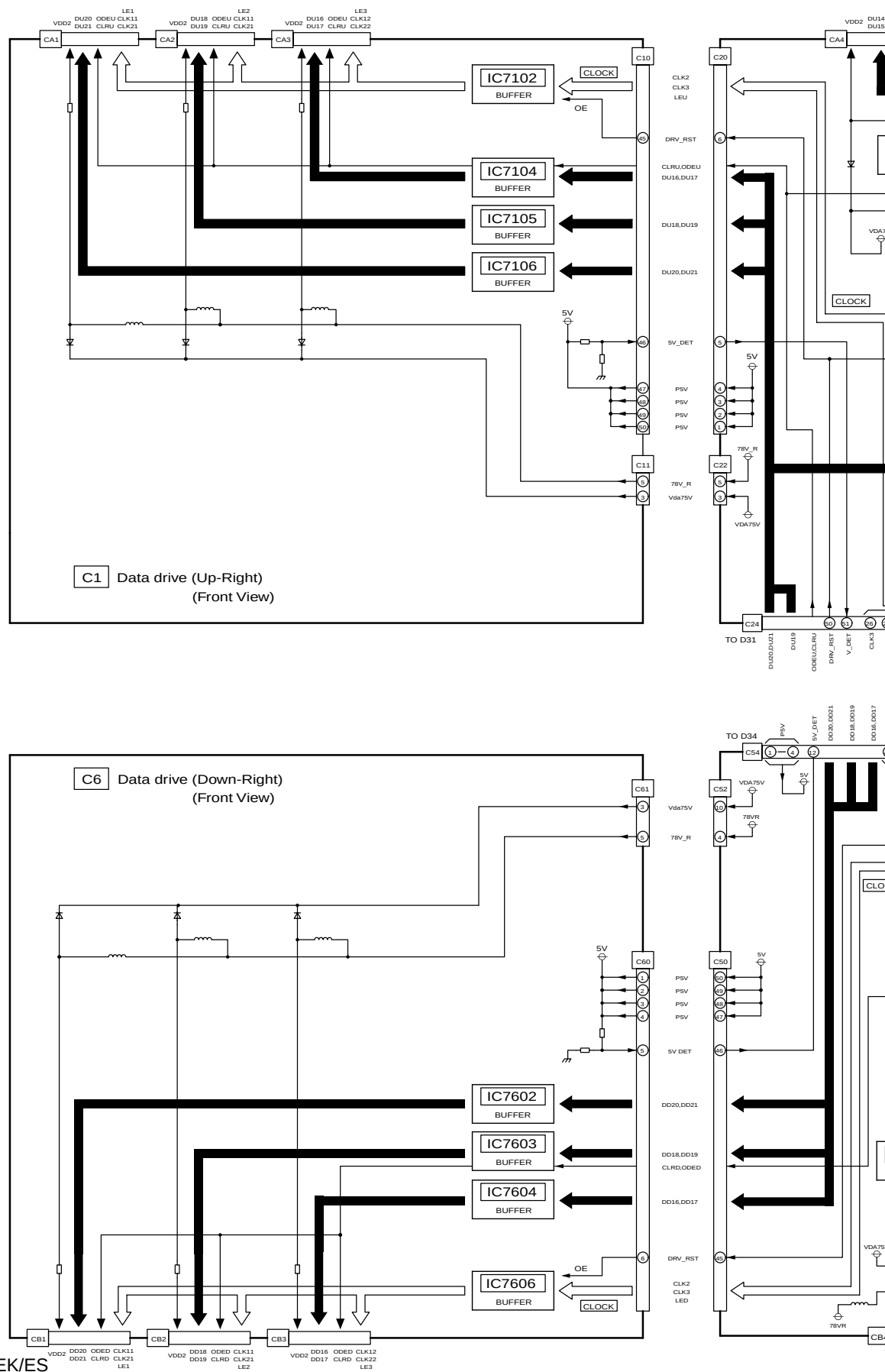
48

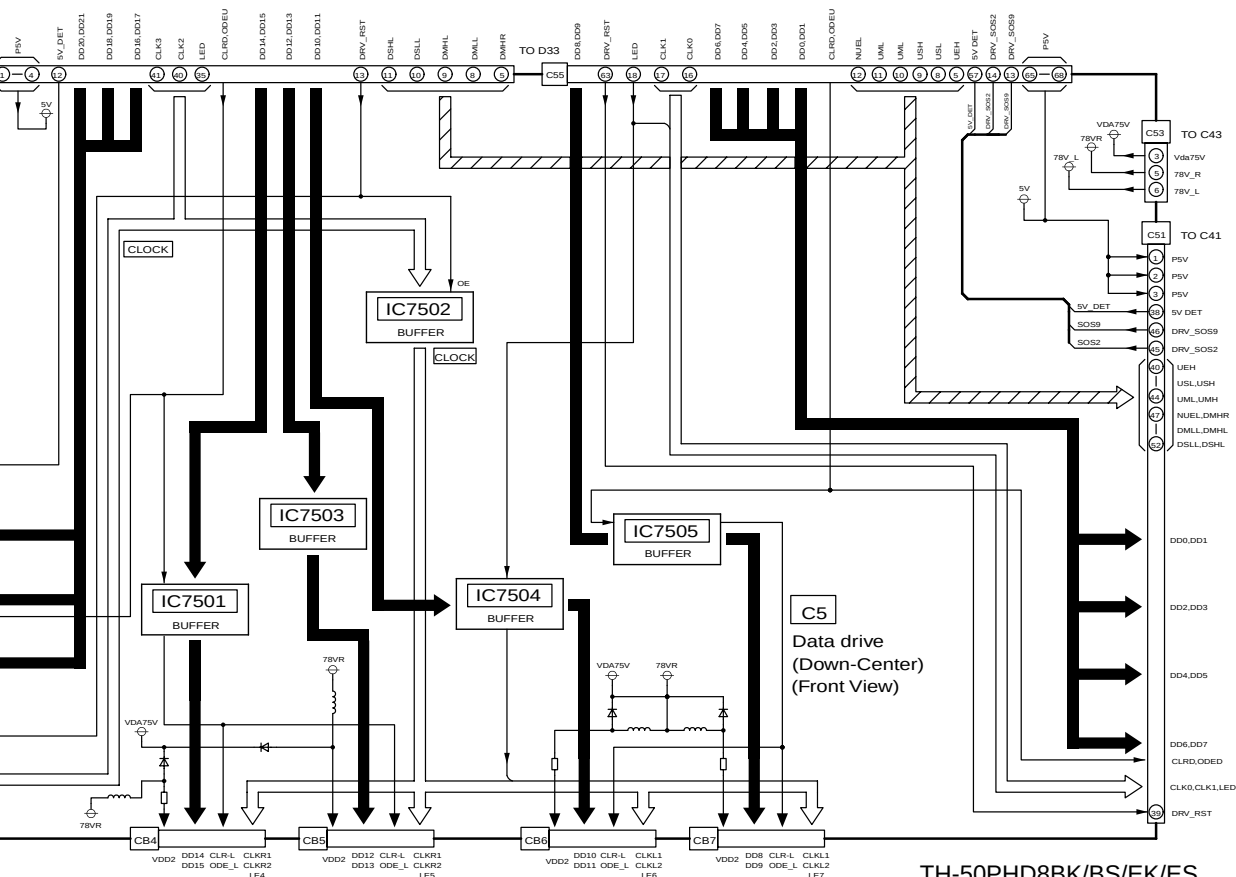
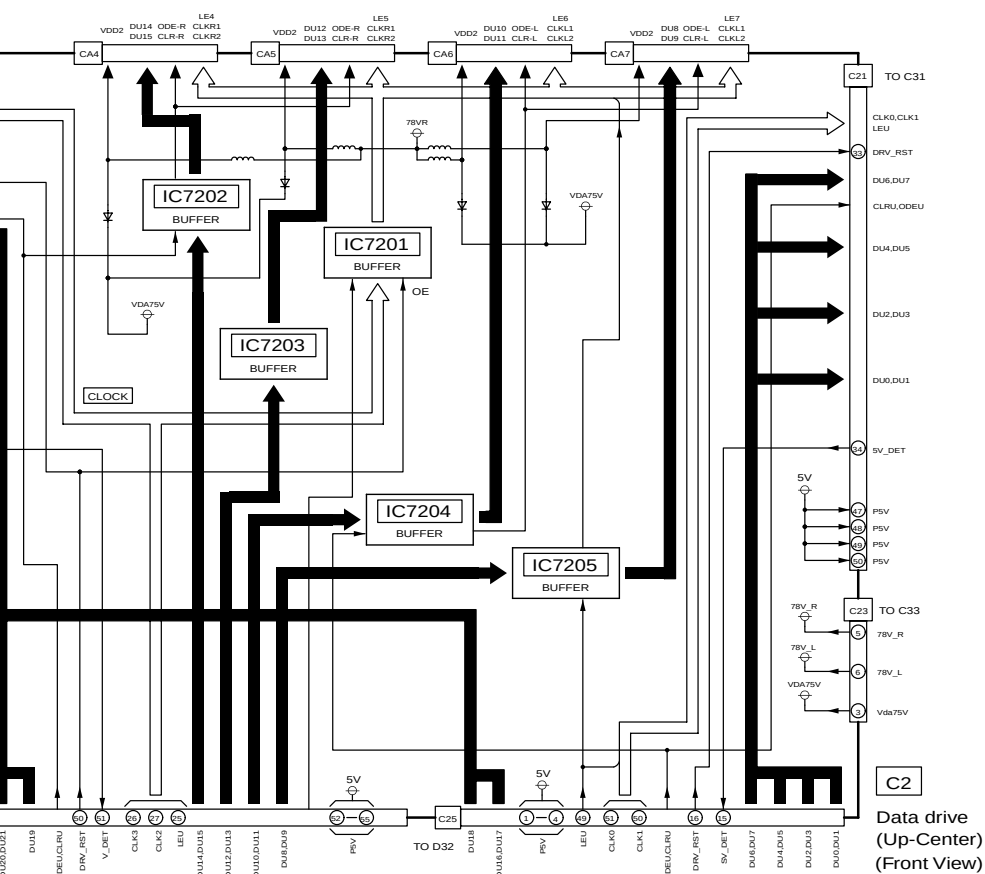
49

50



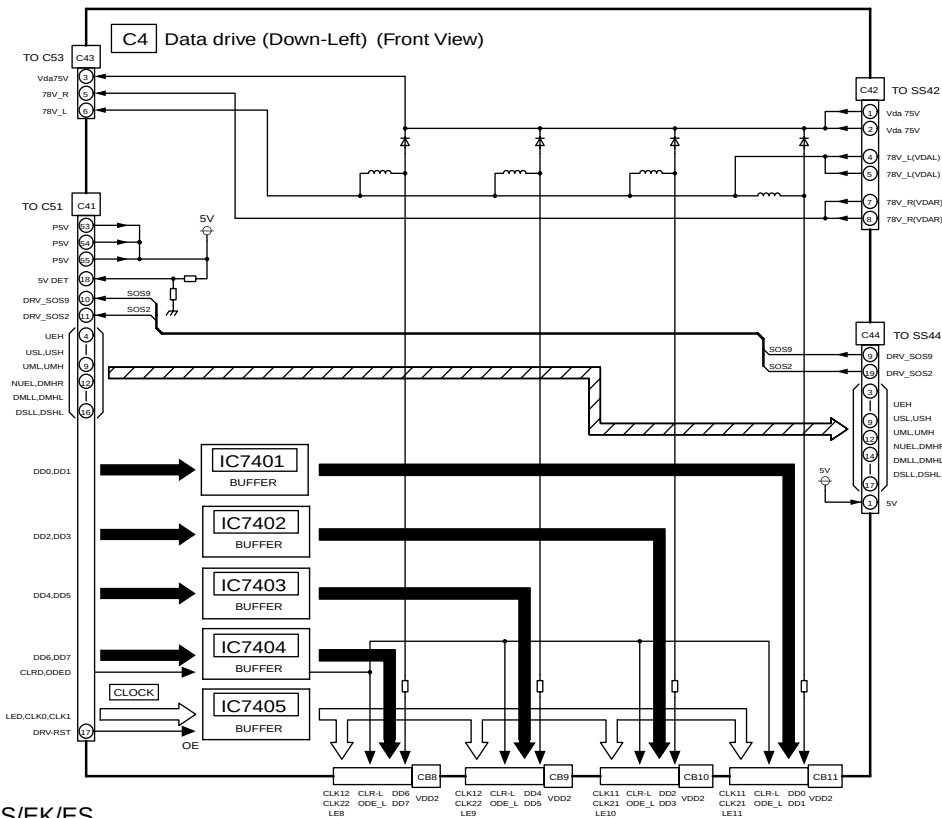
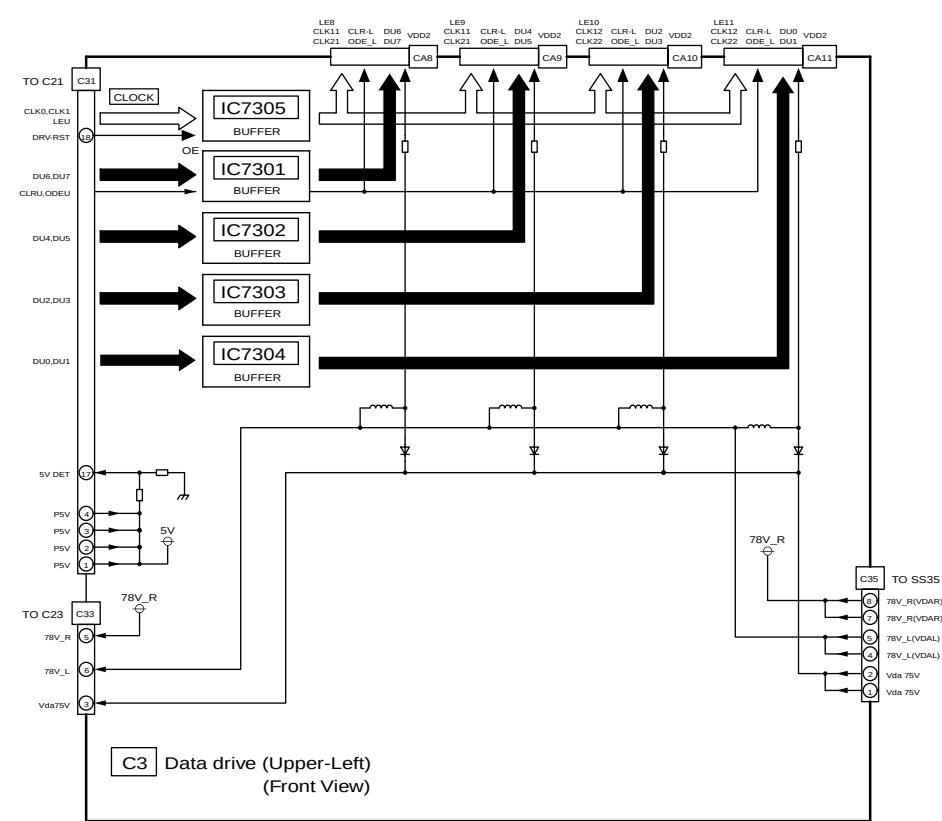
15.31. C1, C2, C5 and C6-Board Block Diagram





TH-50PHD8BK/BS/EK/ES C1, C2, C5 and C6-Board Block Diagram

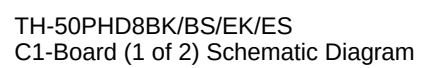
15.32. C3 and C4-Board Block Diagram



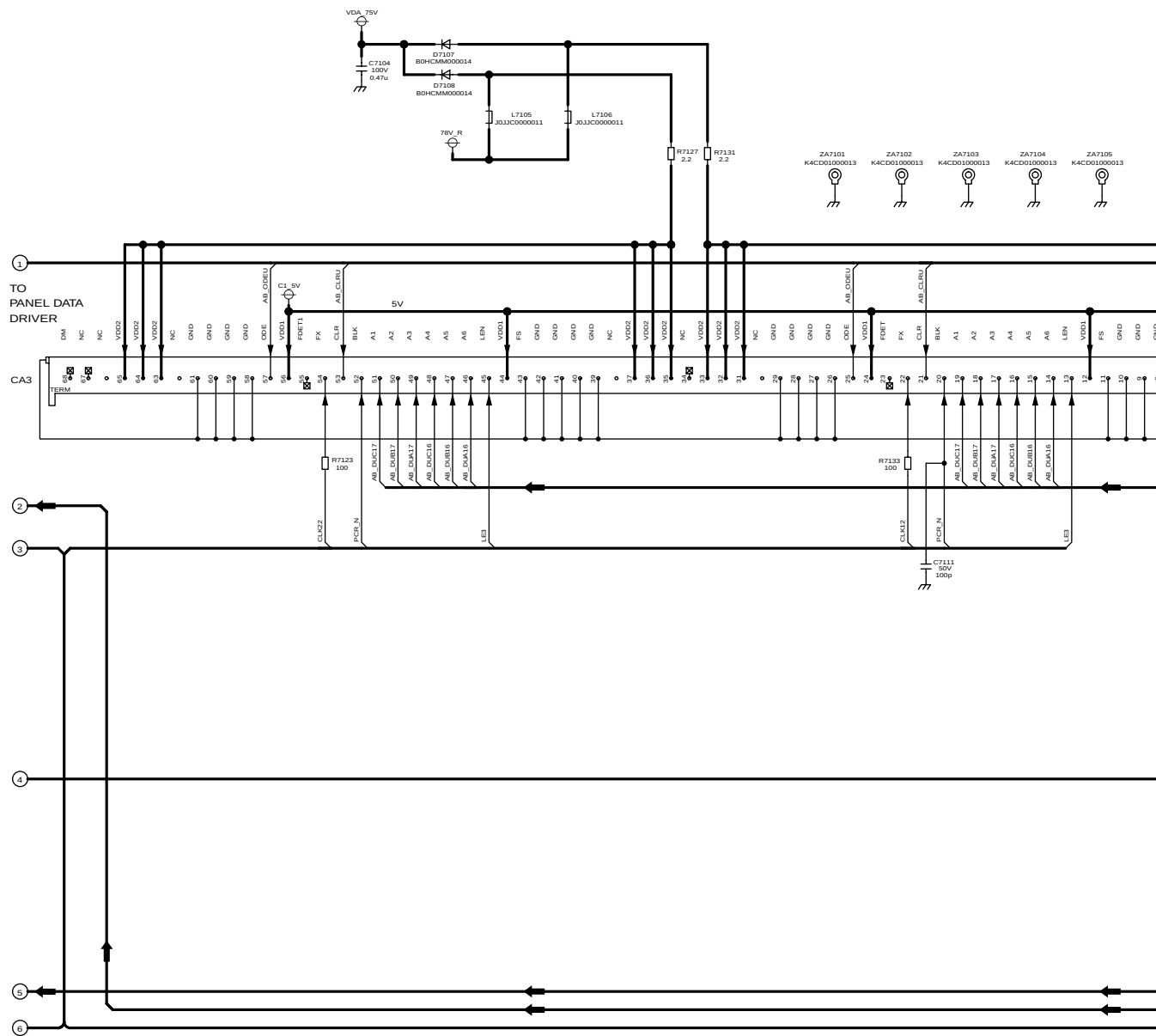
TH-50PHD8BK/BS/EK/ES
C3 and C4-Board Block Diagram

TH-50PHD8BK/BS/EK/ES
C3 and C4-Board Block Diagram





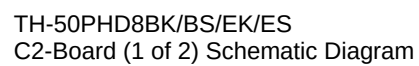
15.34. C1-Board (2 of 2) Schematic Diagram

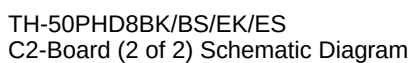


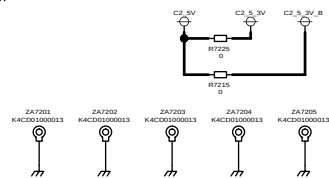
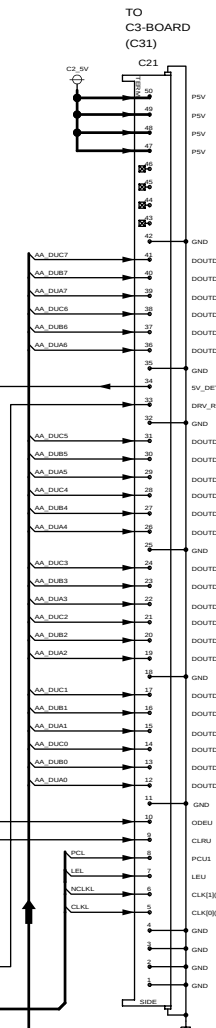
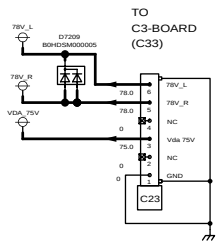
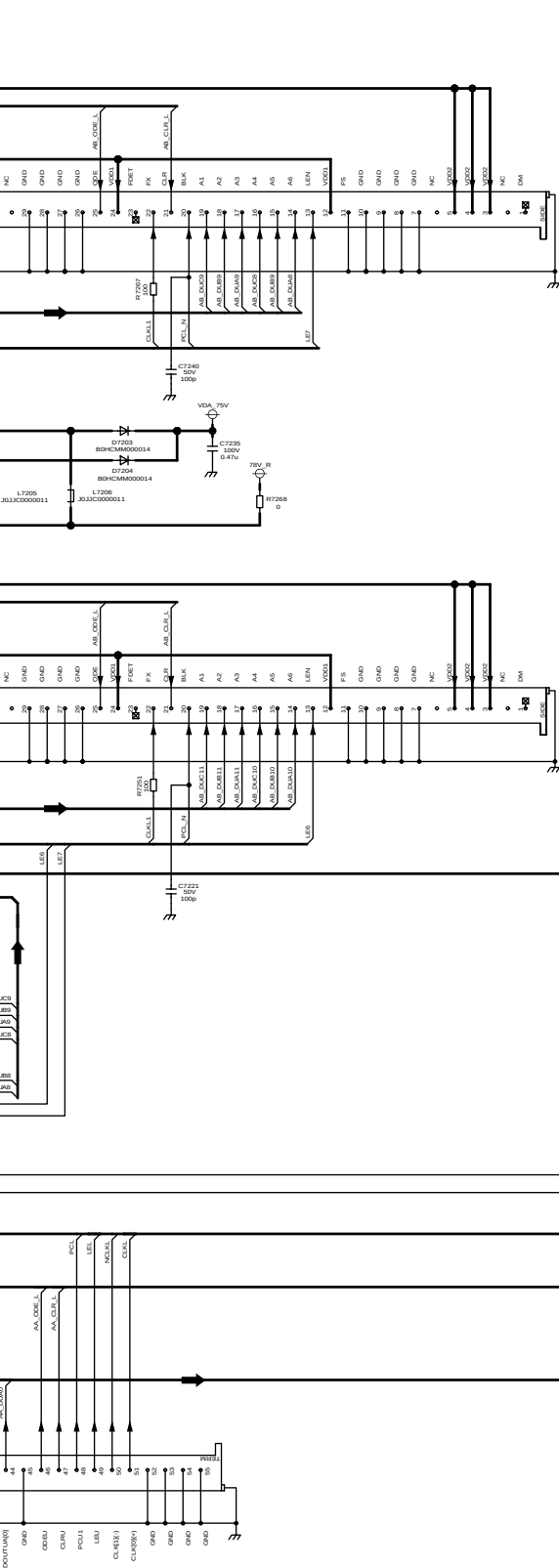
! C1-BOARD TNPA3561 (2/2)

TH-50PHD8BK/BS/EK/ES
C1-Board (2 of 2) Schematic Diagram





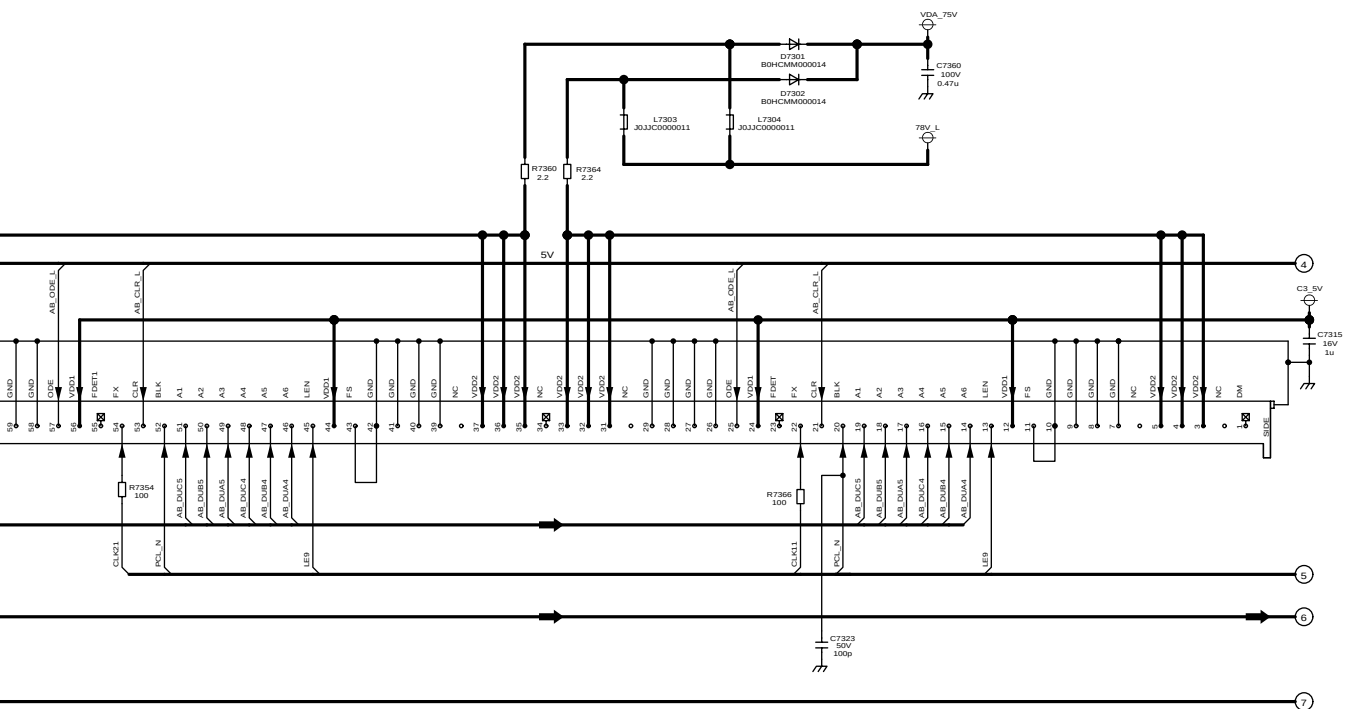
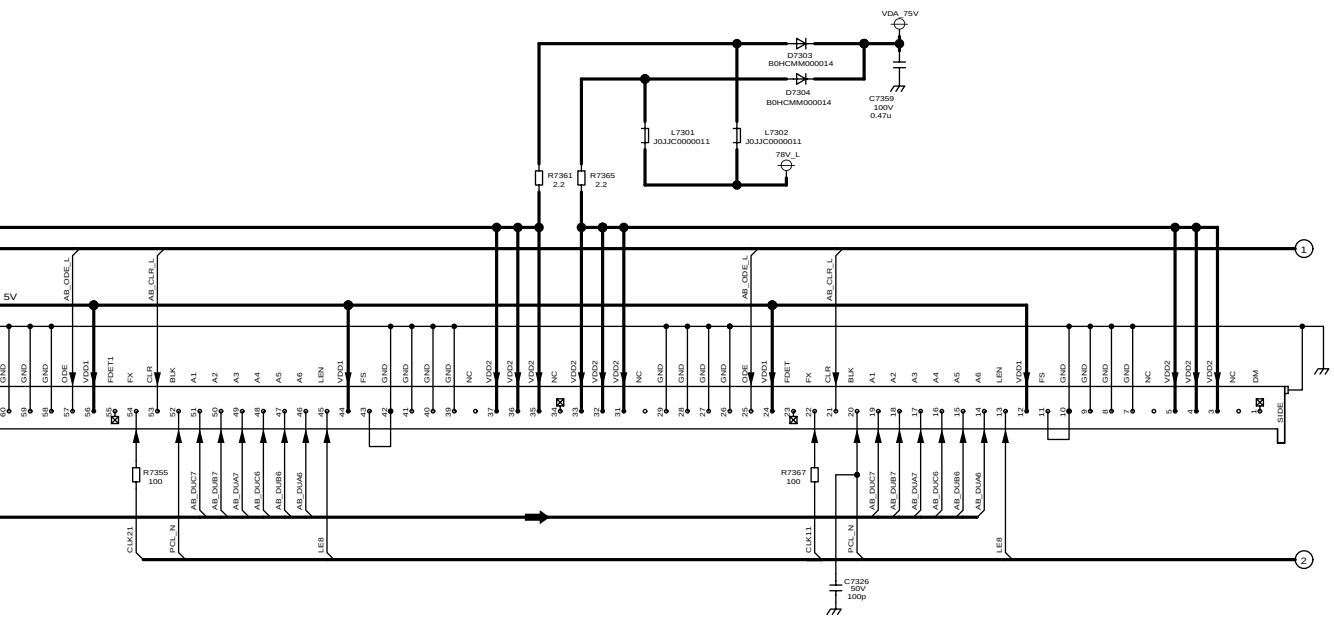




C2-BOARD TNPA3562 (2/2)

TH-50PHD8BK/BS/EK/ES
C2-Board (2 of 2) Schematic Diagram





C3-BOARD TNPA3563 (1/2)

TH-50PHD8BK/BS/EK/ES
C3-Board (1 of 2) Schematic Diagram

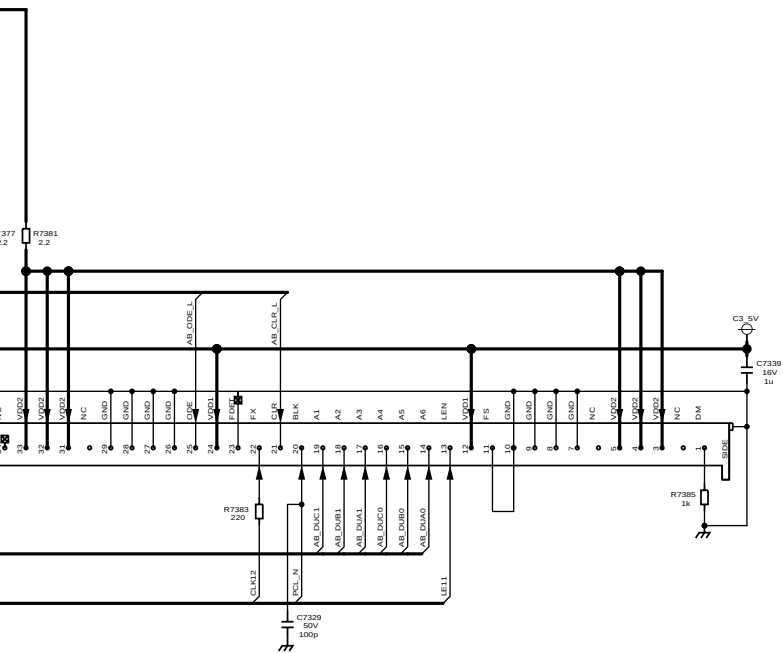
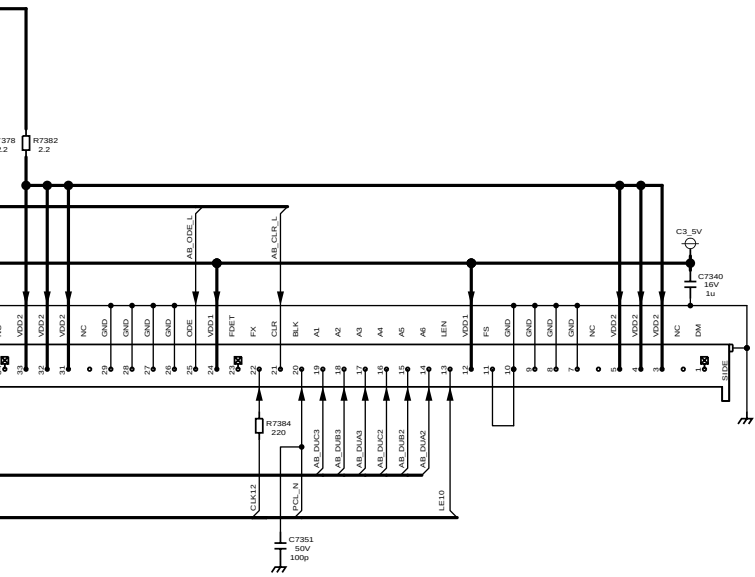
4

5

6

7

8



TH-50PHD8BK/BS/EK/ES
C3-Board (2 of 2) Schematic Diagram

12

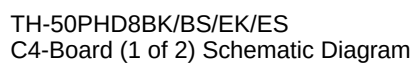
13

14

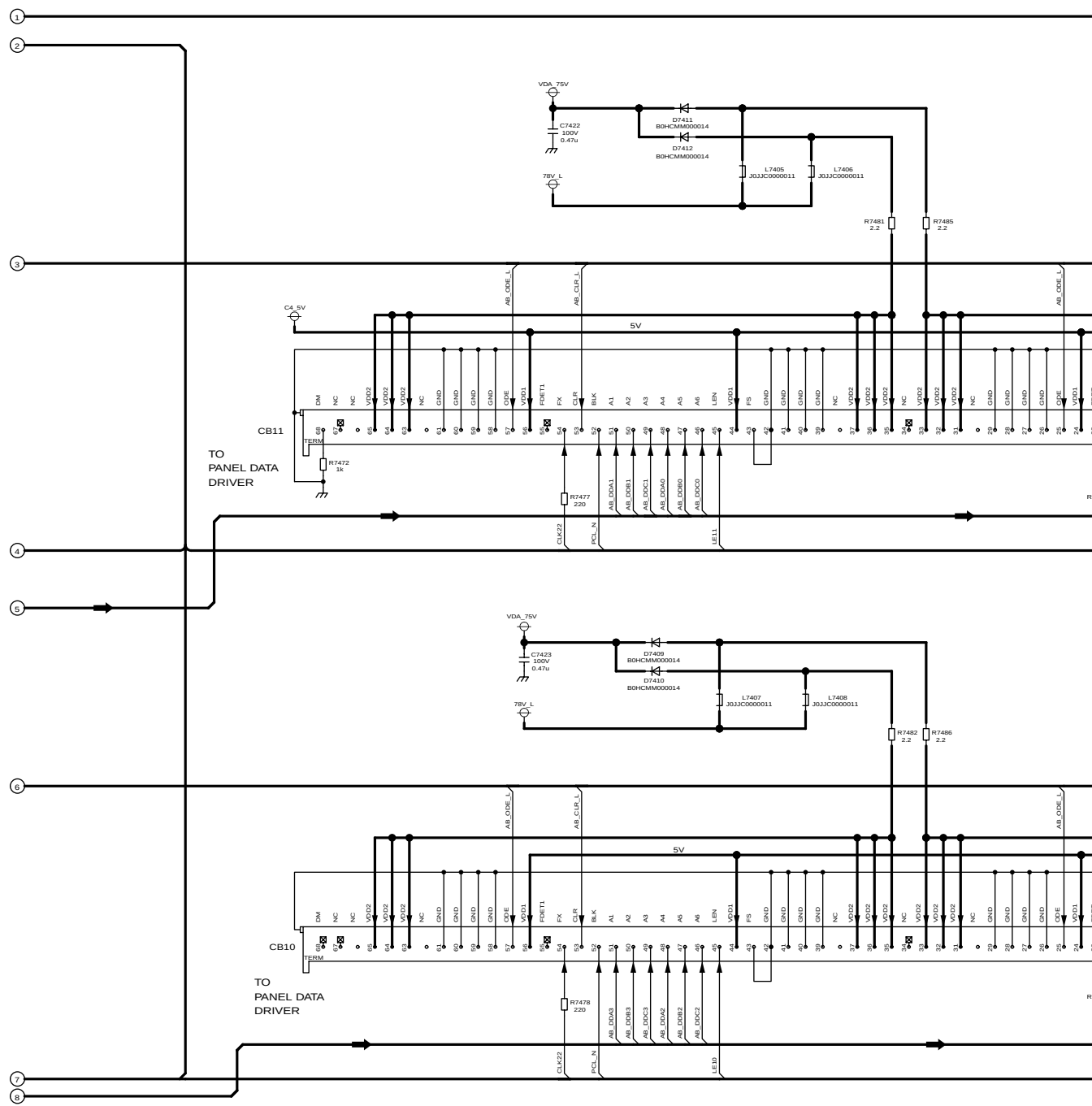
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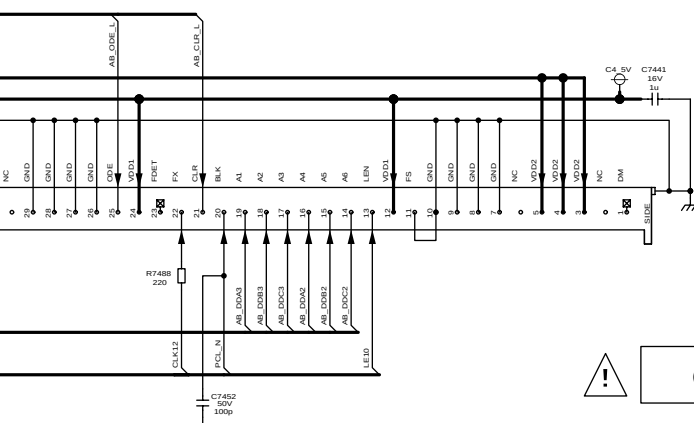
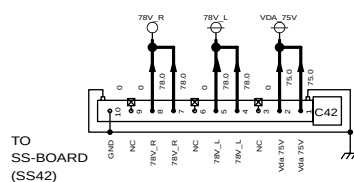
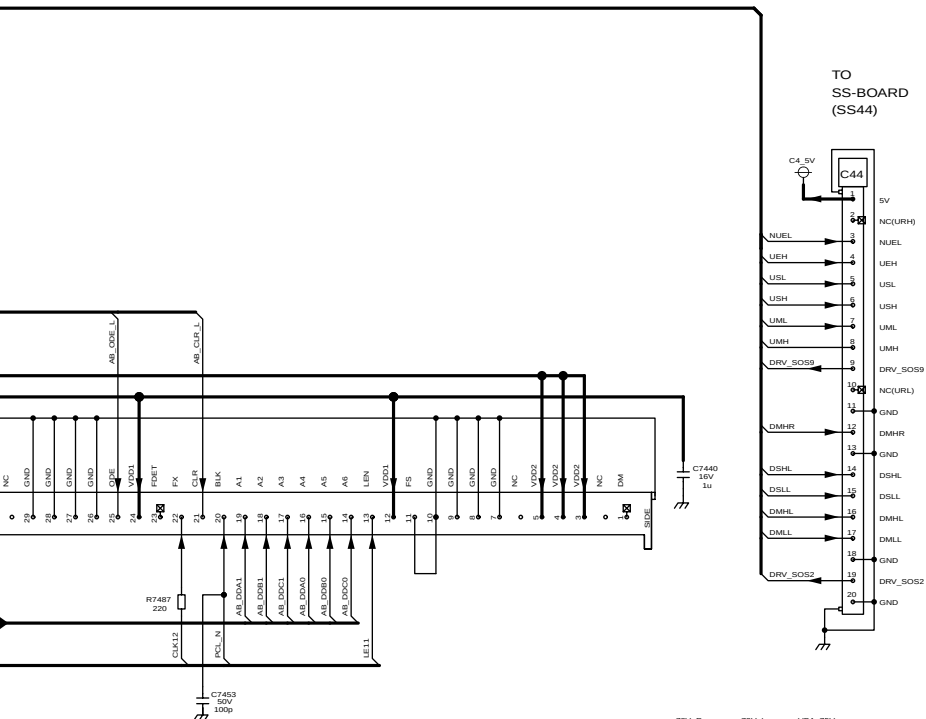
C4-BOARD TNPA3564 (1/2)



15.40. C4-Board (2 of 2) Schematic Diagram



TH-50PHD8BK/BS/EK/ES
C4-Board (2 of 2) Schematic Diagram

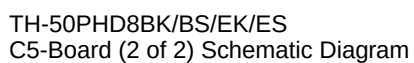


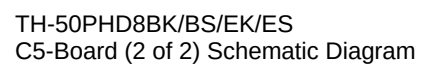
C4-BOARD TNPA3564 (2/2)

TH-50PHD8BK/BS/EK/ES
C4-Board (2 of 2) Schematic Diagram

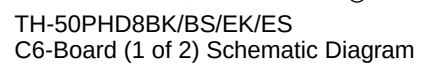






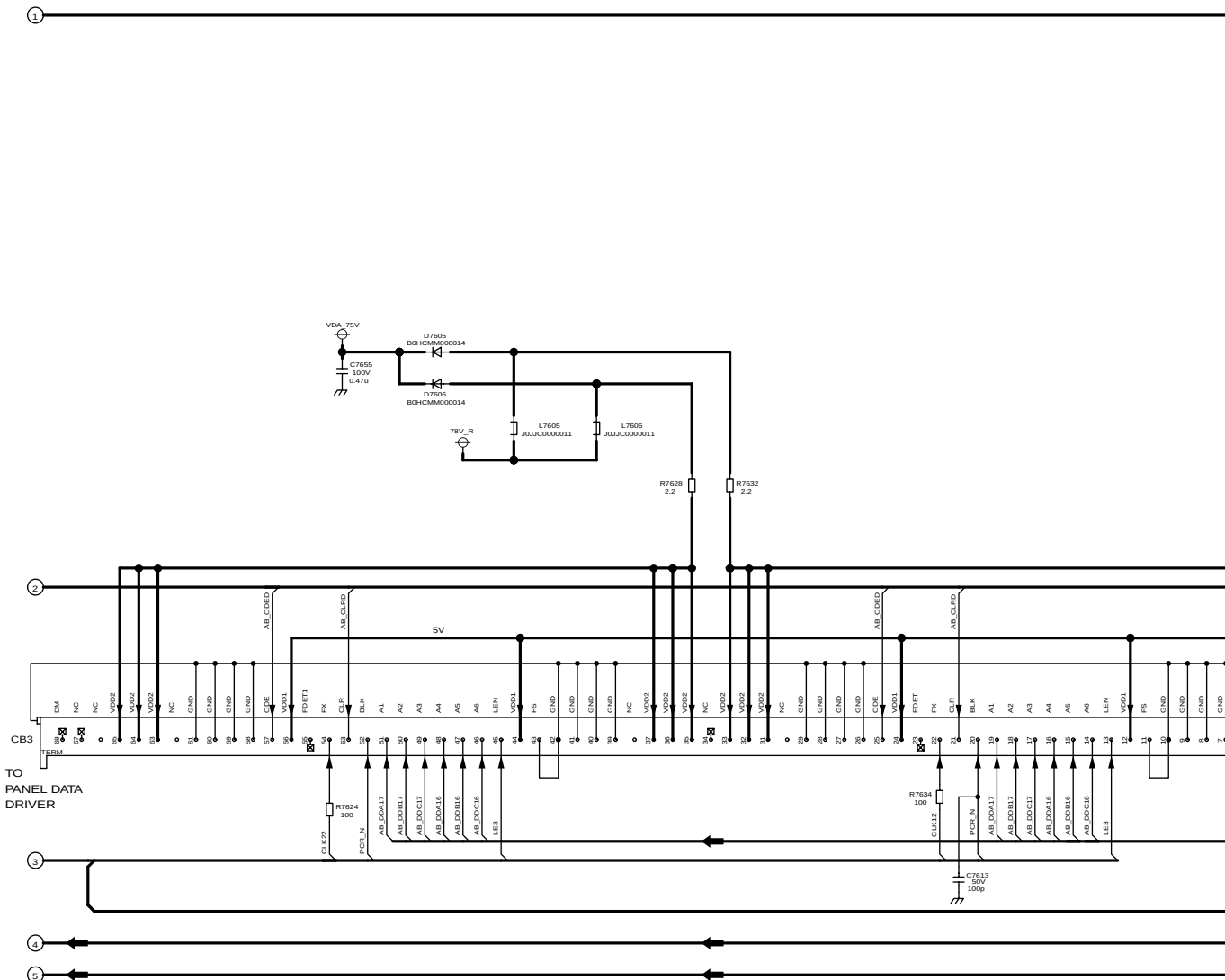






15.44. C6-Board (2 of 2) Schematic Diagram

 C6-BOARD TXNC610XQS (2/2)



TH-50PHD8BK/BS/EK/ES
C6-Board (2 of 2) Schematic Diagram

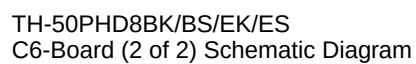
8

9

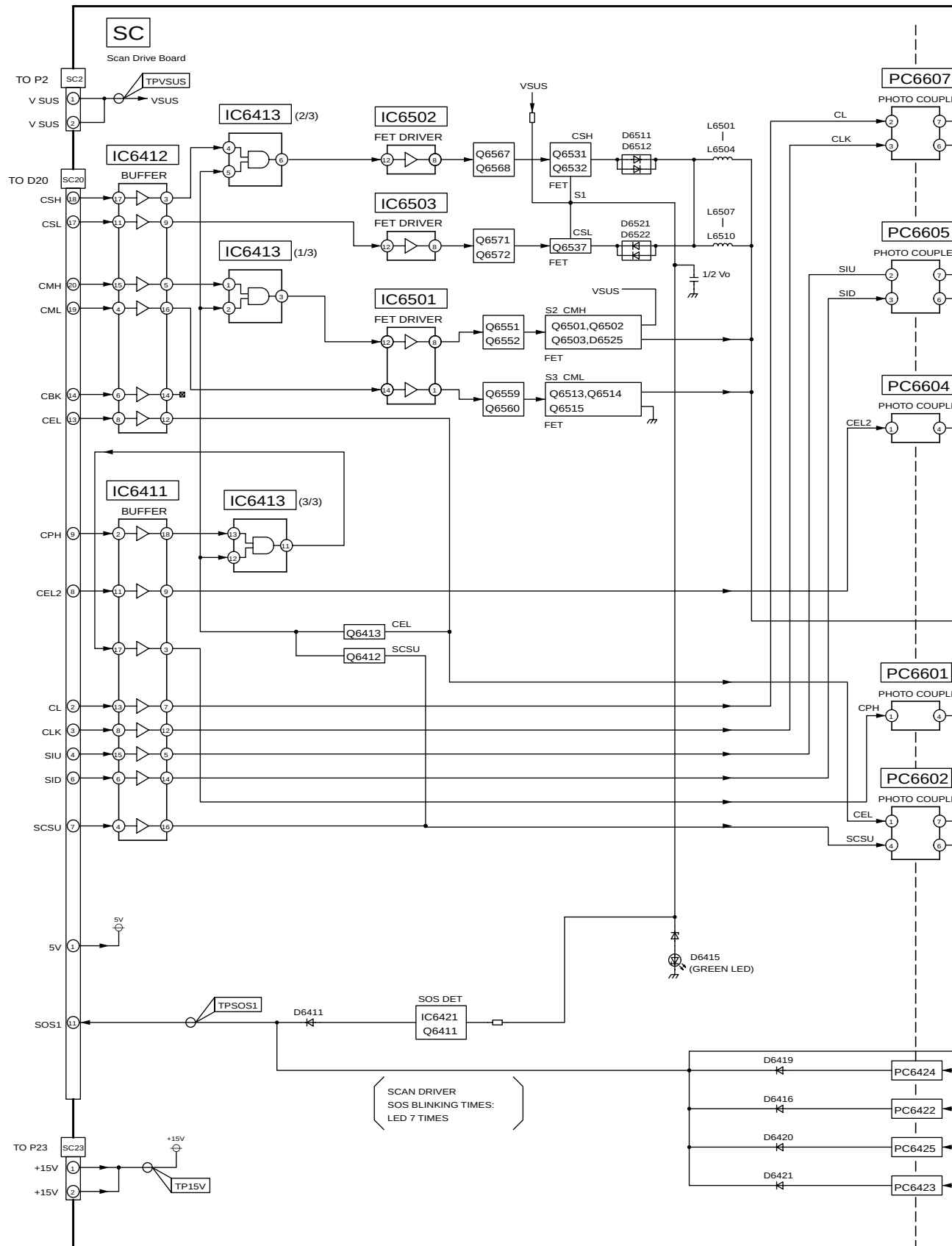
10

11

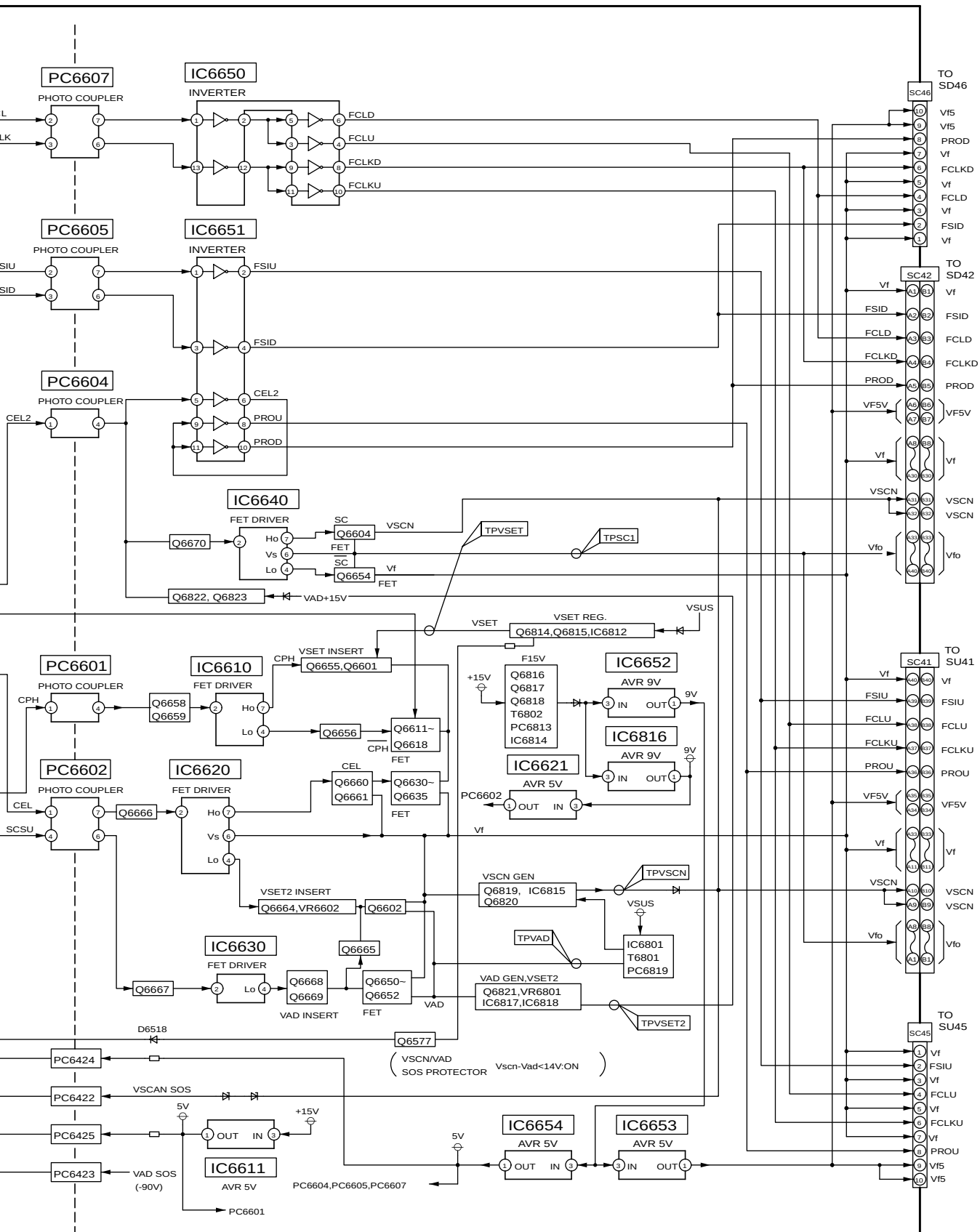
12



15.45. SC-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
SC-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
SC-Board Block Diagram

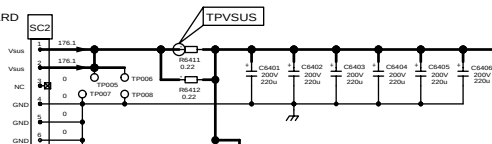
15.46. SC-Board (1 of 2) Schematic Diagram



SC-BOARD TNPA3567 (1/2)

A

TO
P-BOARD
(P2)



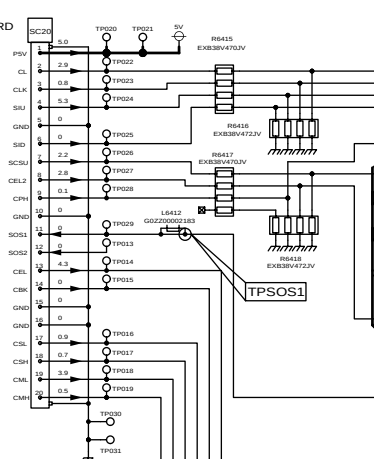
B

TO
P-BOARD
(P23)

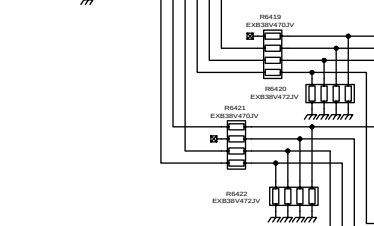


C

TO
D-BOARD
(D20)



D



E



F

TH-50PHD8BK/BS/EK/ES
SC-Board (1 of 2) Schematic Diagram

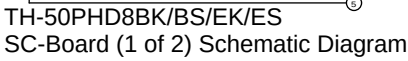
1

2

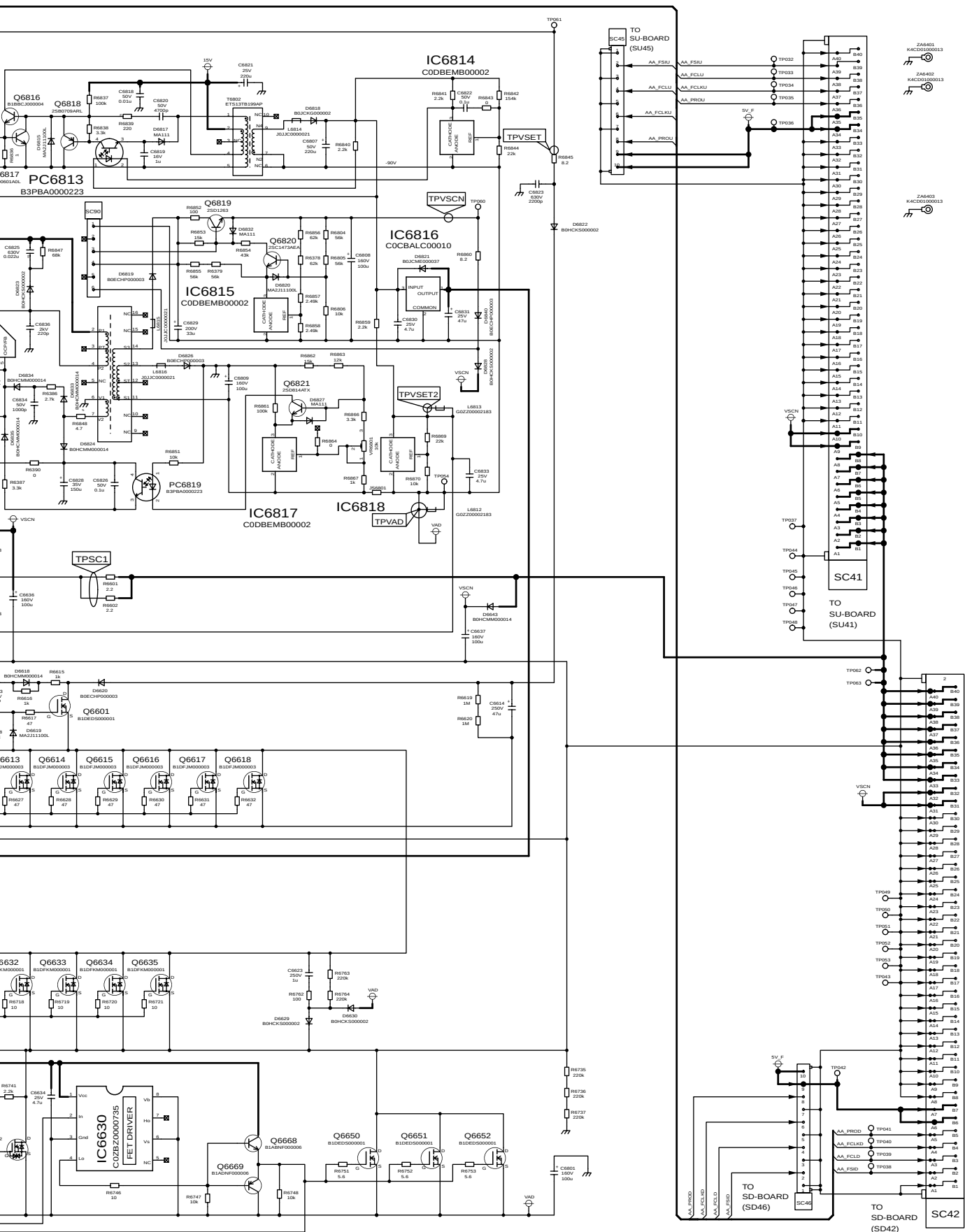
3

4

5







TH-50PHD8BK/BS/EK/ES SC-Board (2 of 2) Schematic Diagram

14

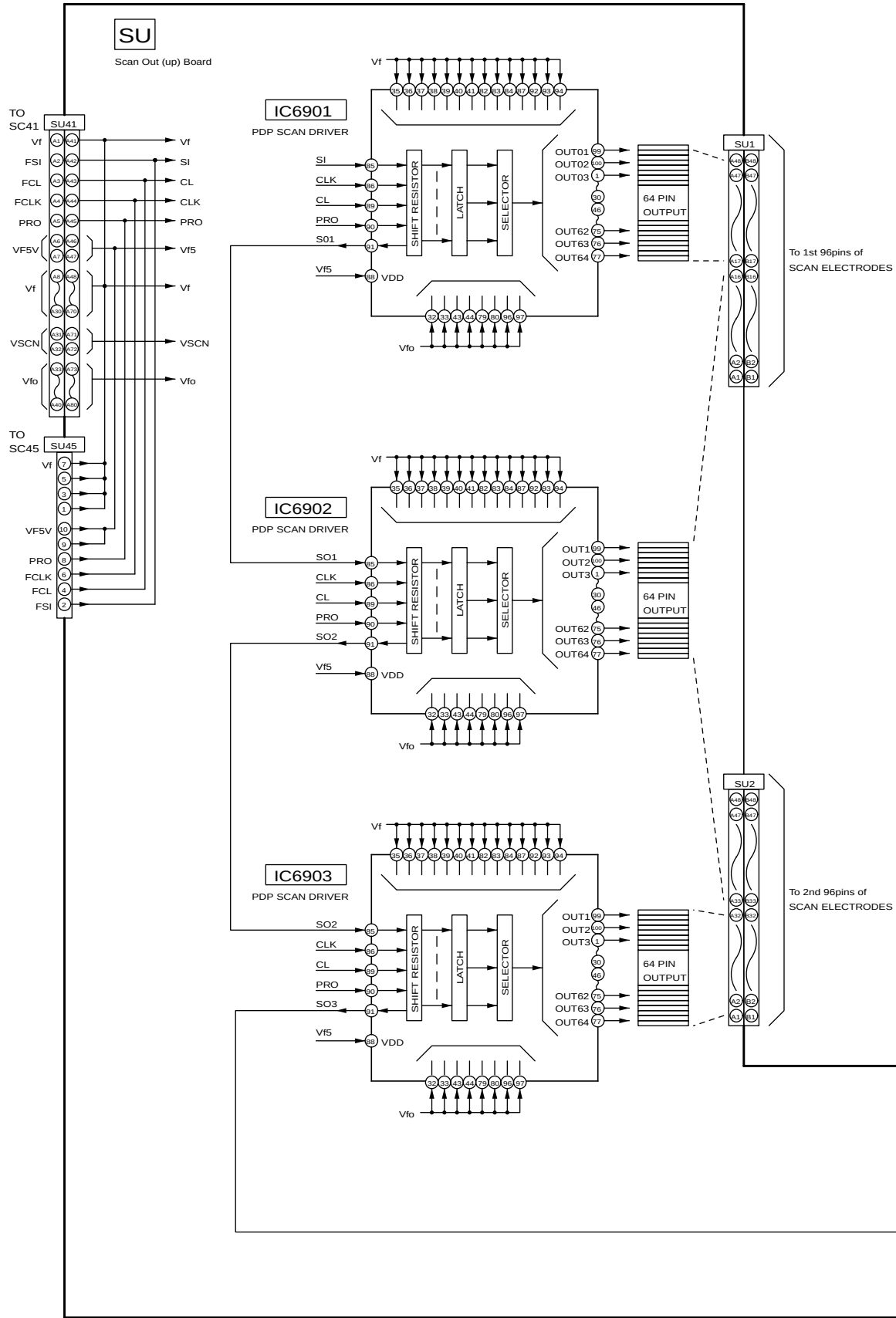
15

16

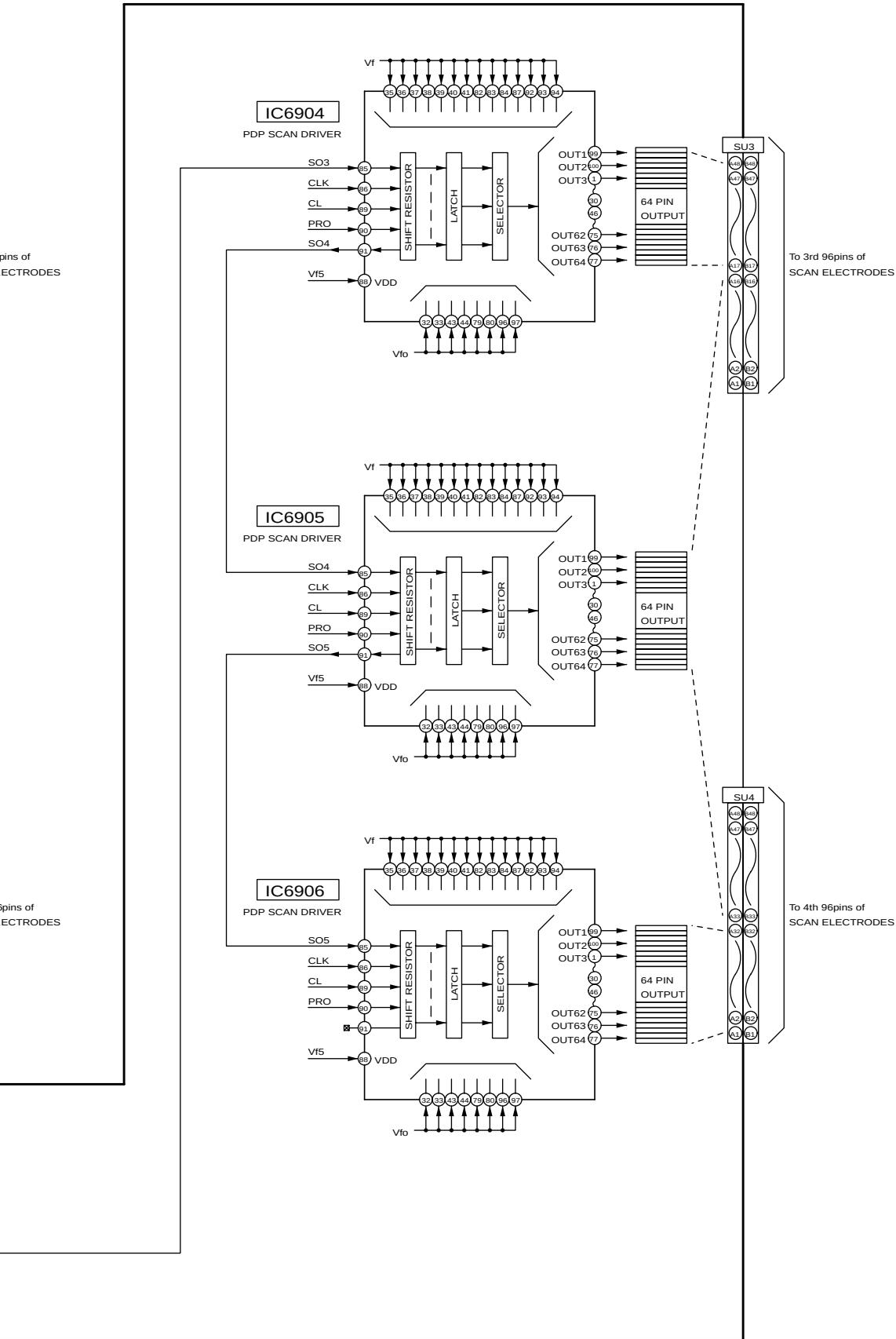
17

18

15.48. SU-Board Block Diagram

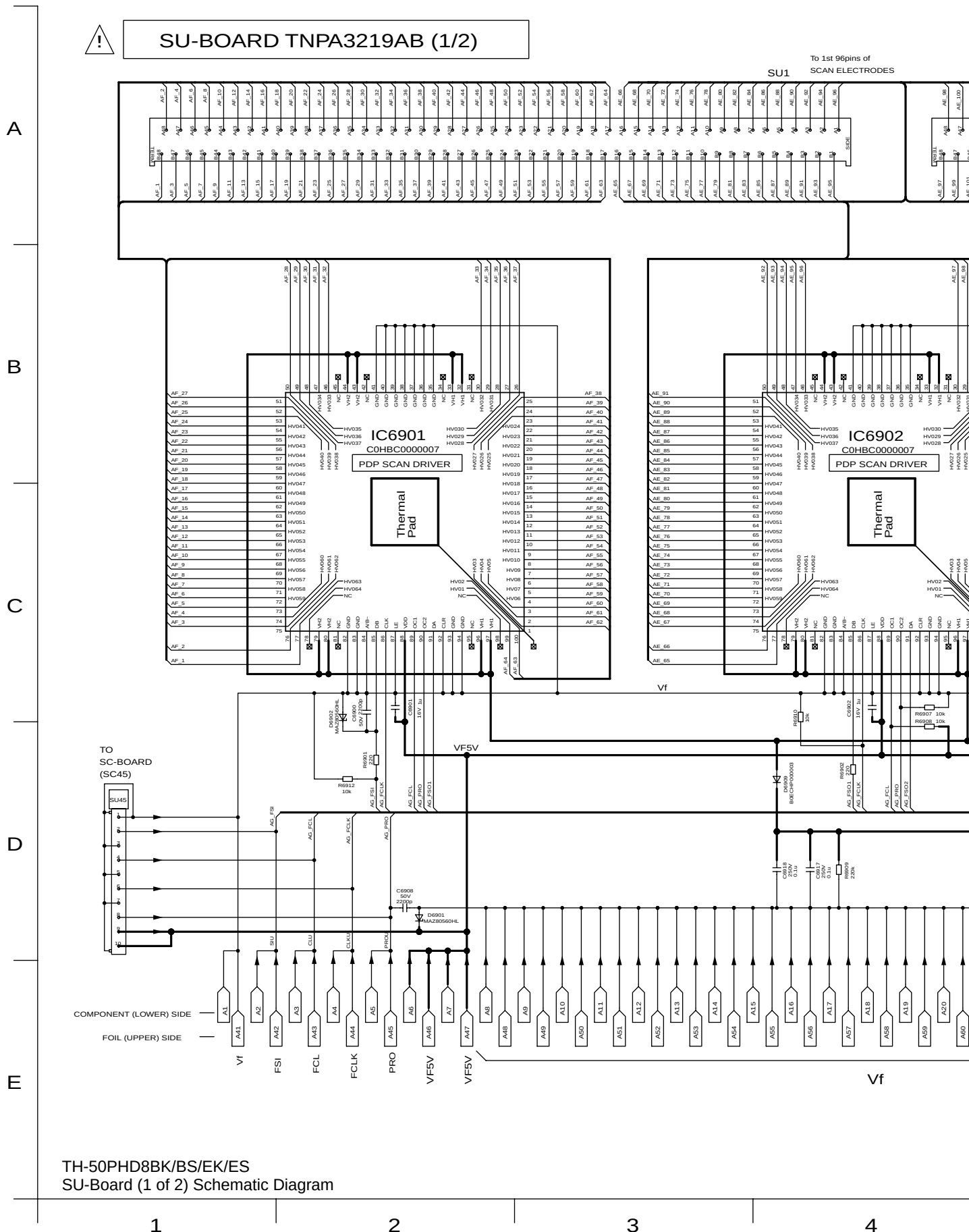


TH-50PHD8BK/BS/EK/ES
SU-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
SU-Board Block Diagram

15.49. SU-Board (1 of 2) Schematic Diagram





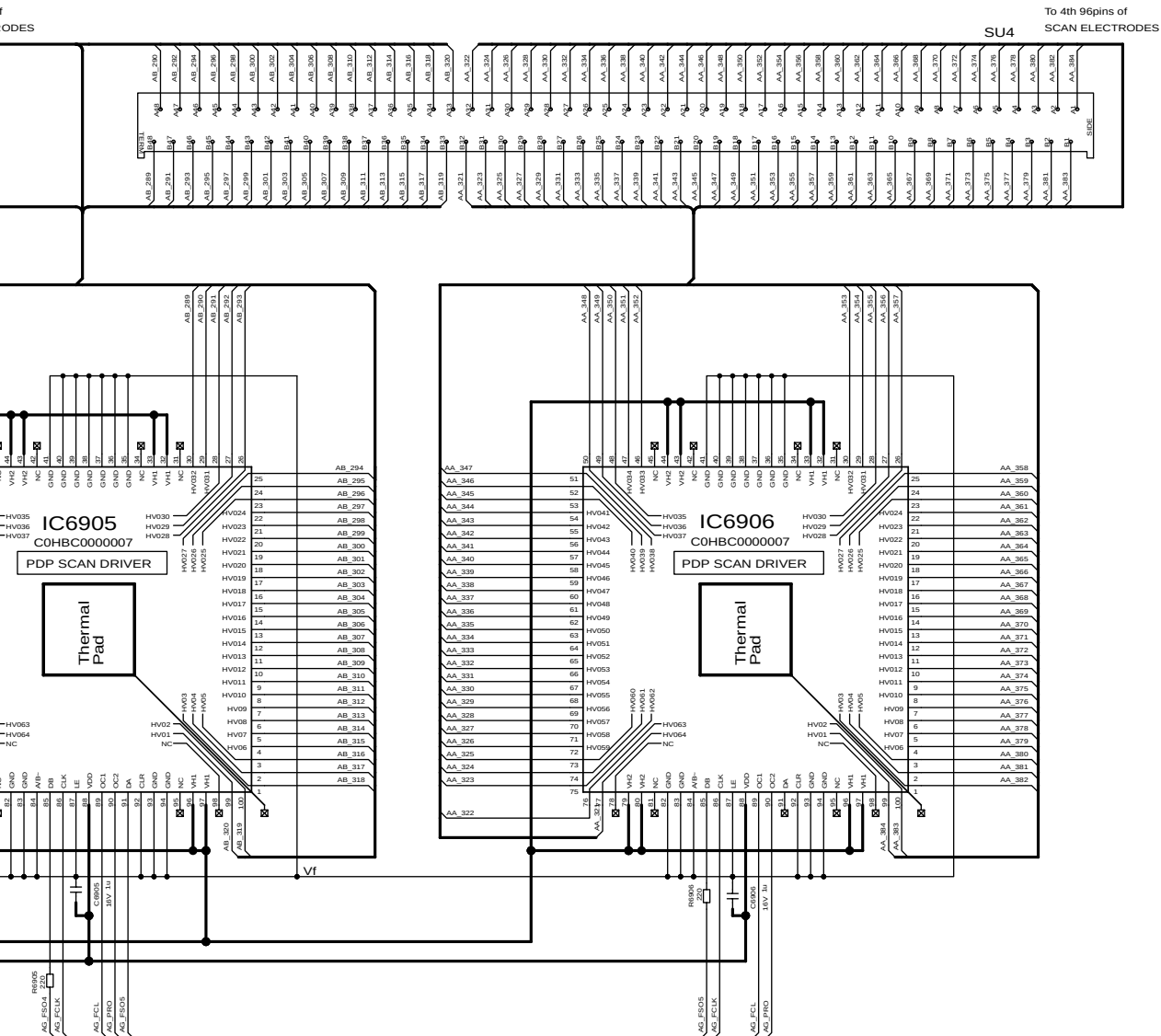
TO
SC-BOARD
(SC41)

Vfo

TH-50PHD8BK/BS/EK/ES
SU-Board (1 of 2) Schematic Diagram



MODES



TH-50PHD8BK/BS/EK/ES
SU-Board (2 of 2) Schematic Diagram

12

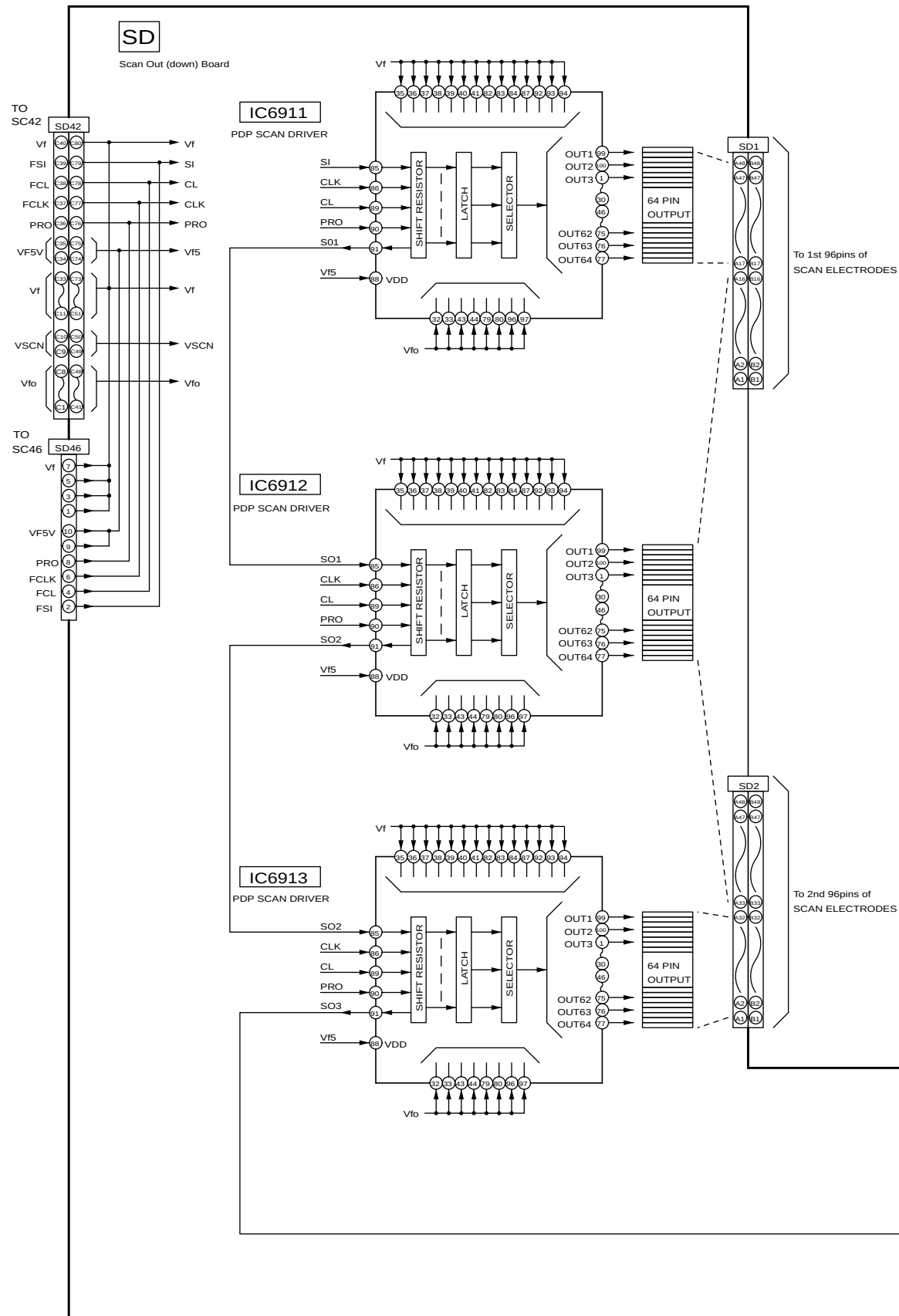
13

14

15



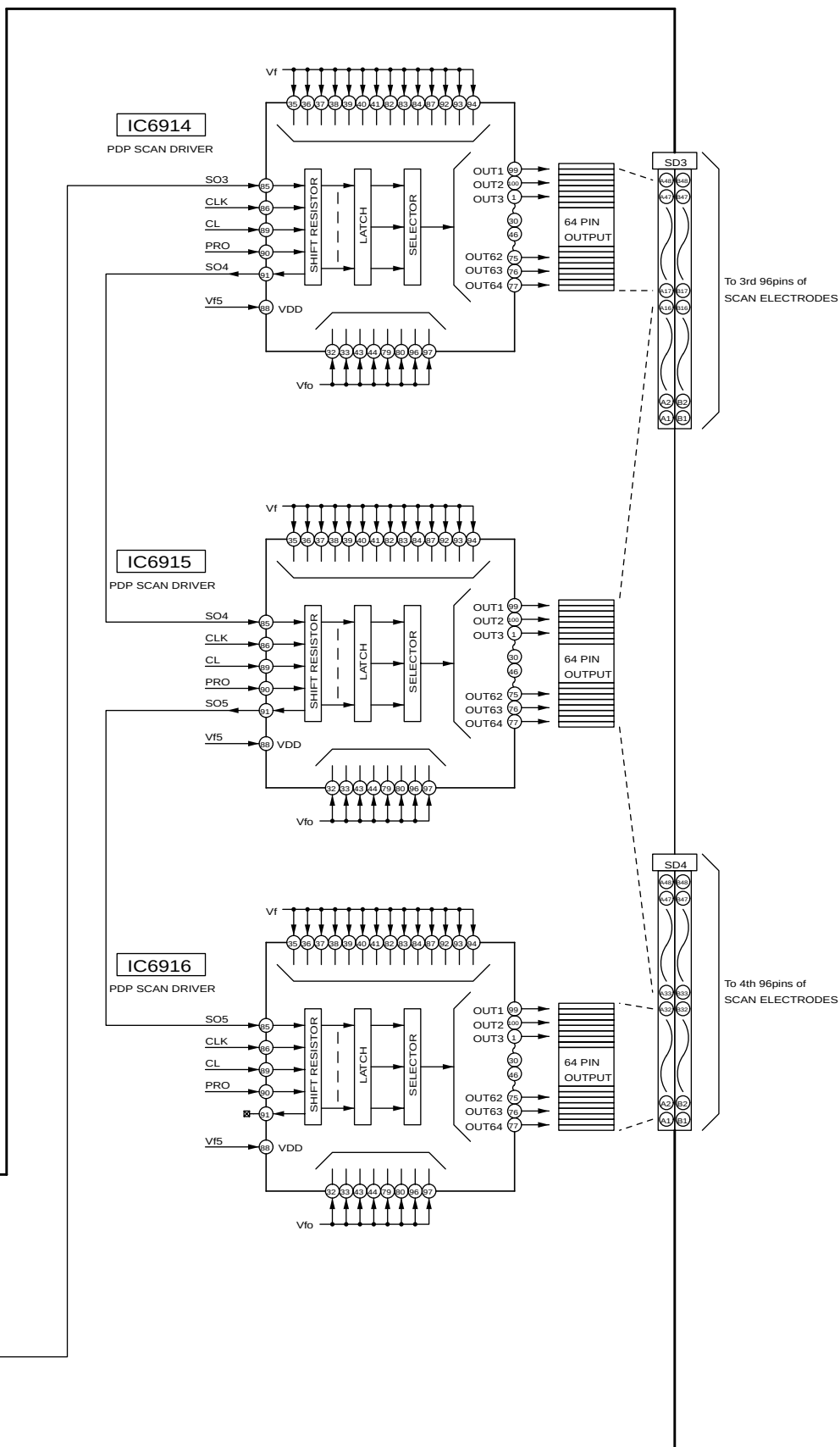
15.51. SD-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
SD-Board Block Diagram

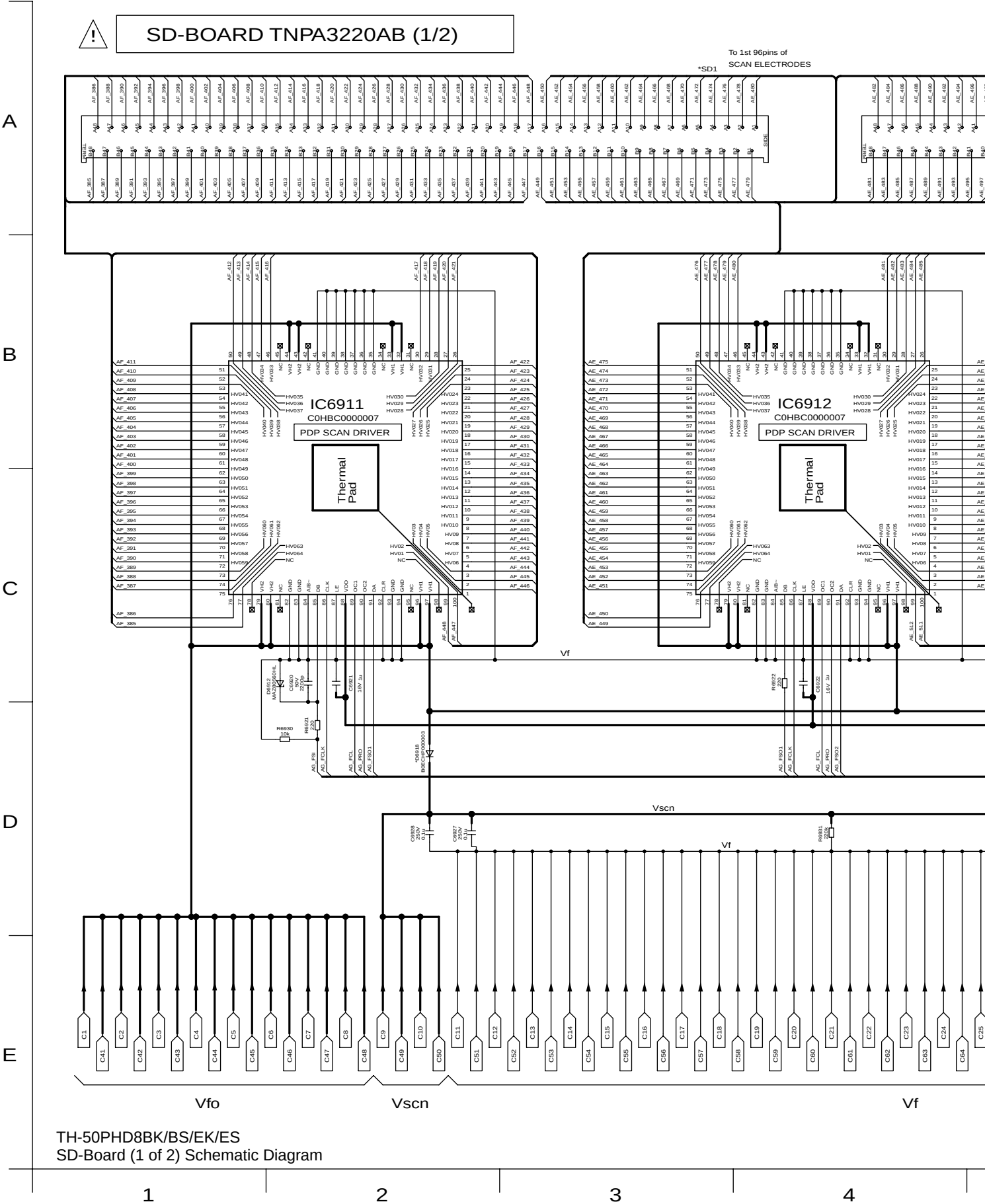
To 1st 96pins of
SCAN ELECTRODES

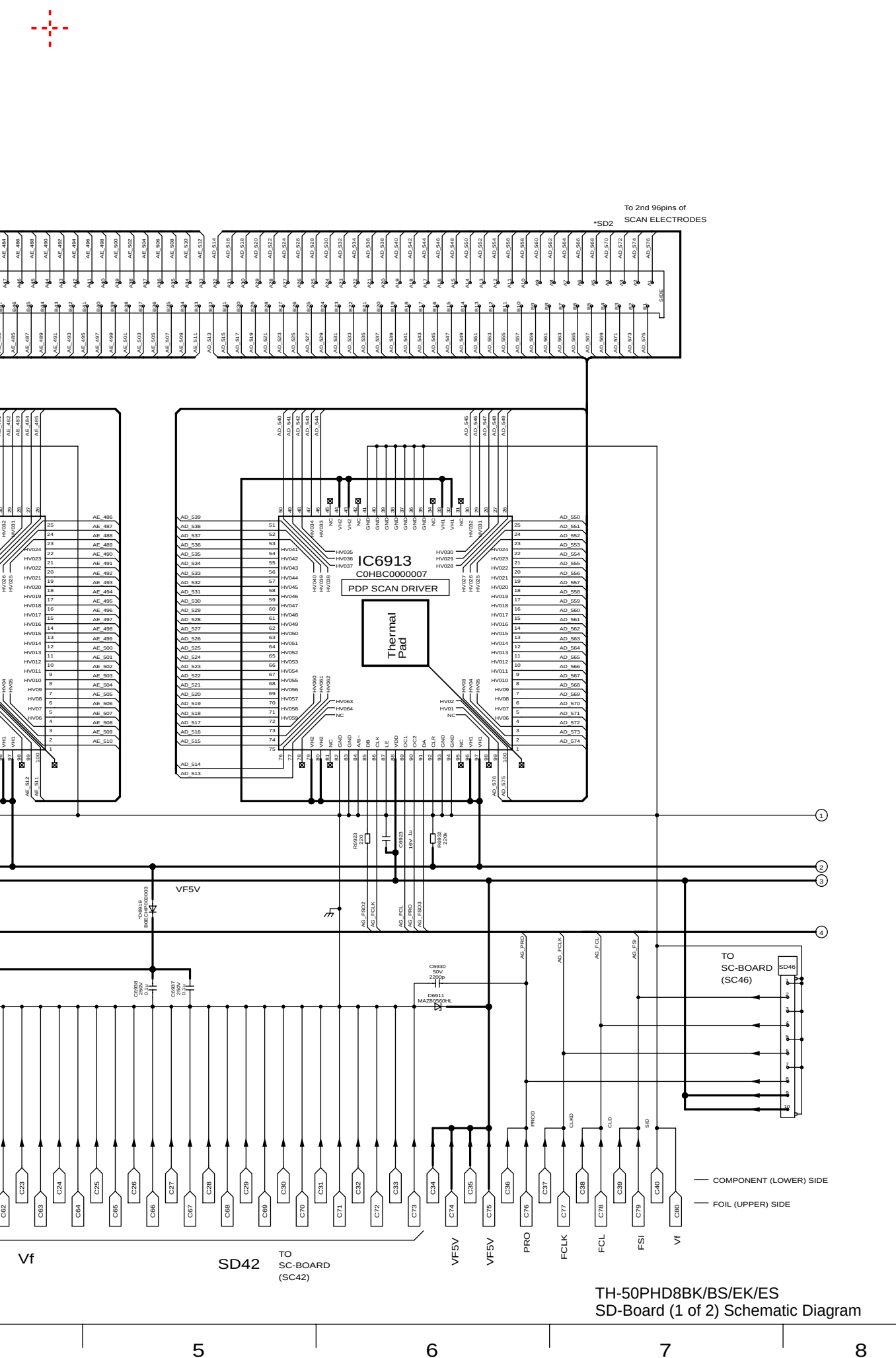
To 2nd 96pins of
SCAN ELECTRODES



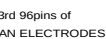
TH-50PHD8BK/BS/EK/ES
SD-Board Block Diagram

15.52. SD-Board (1 of 2) Schematic Diagram

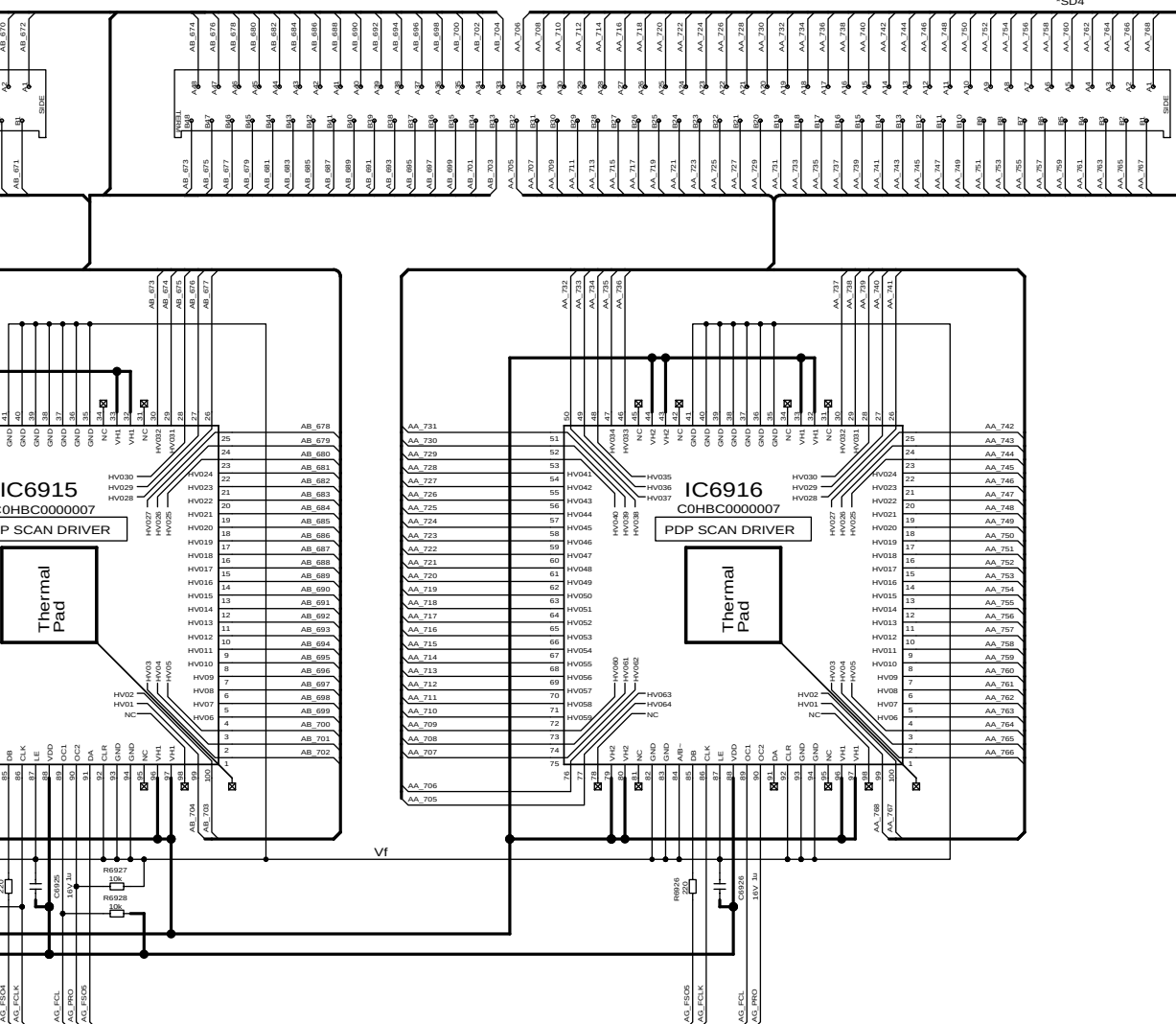




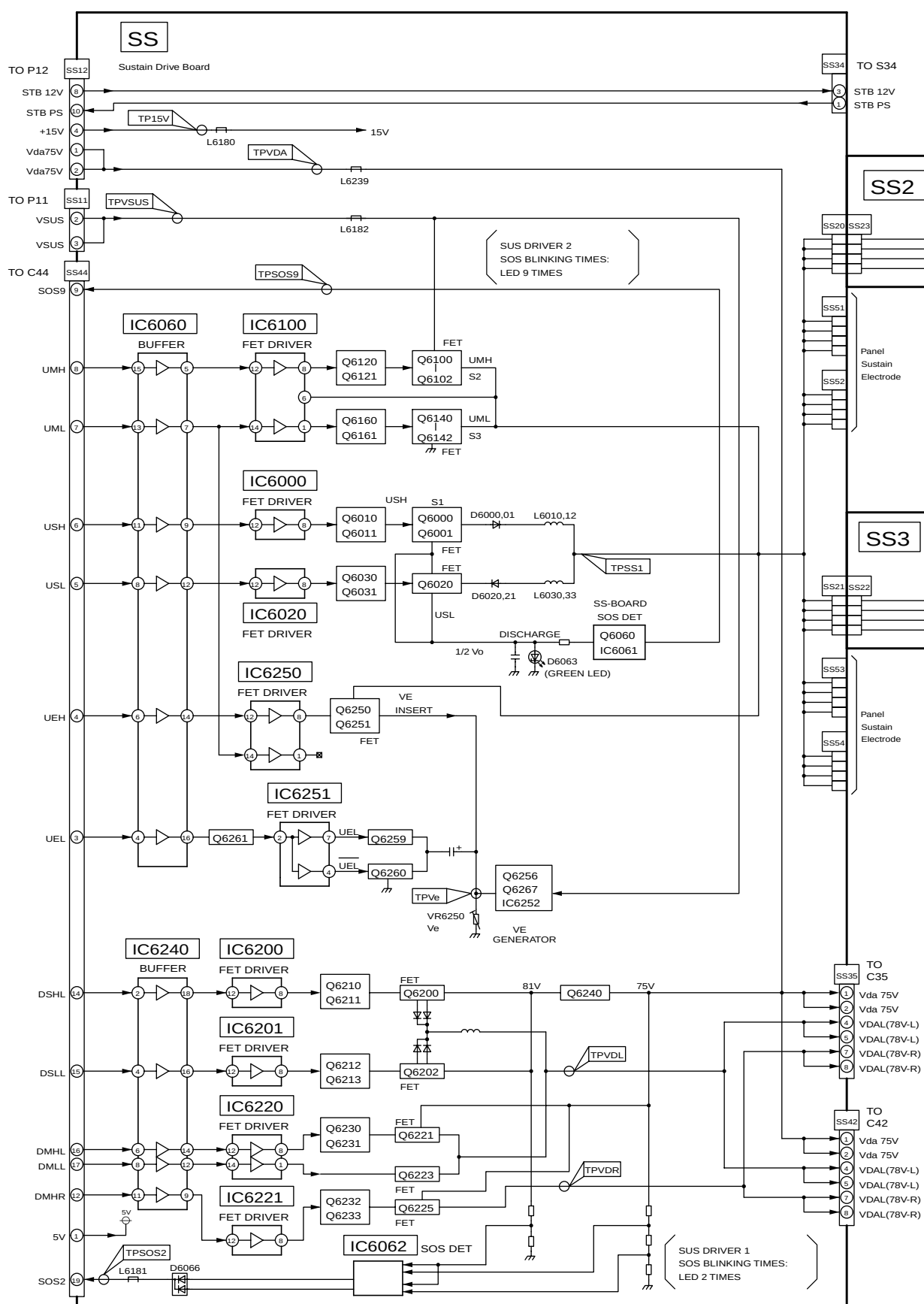
TH-50PHD8BK/BS/EK/ES
SD-Board (2 of 2) Schematic Diagram



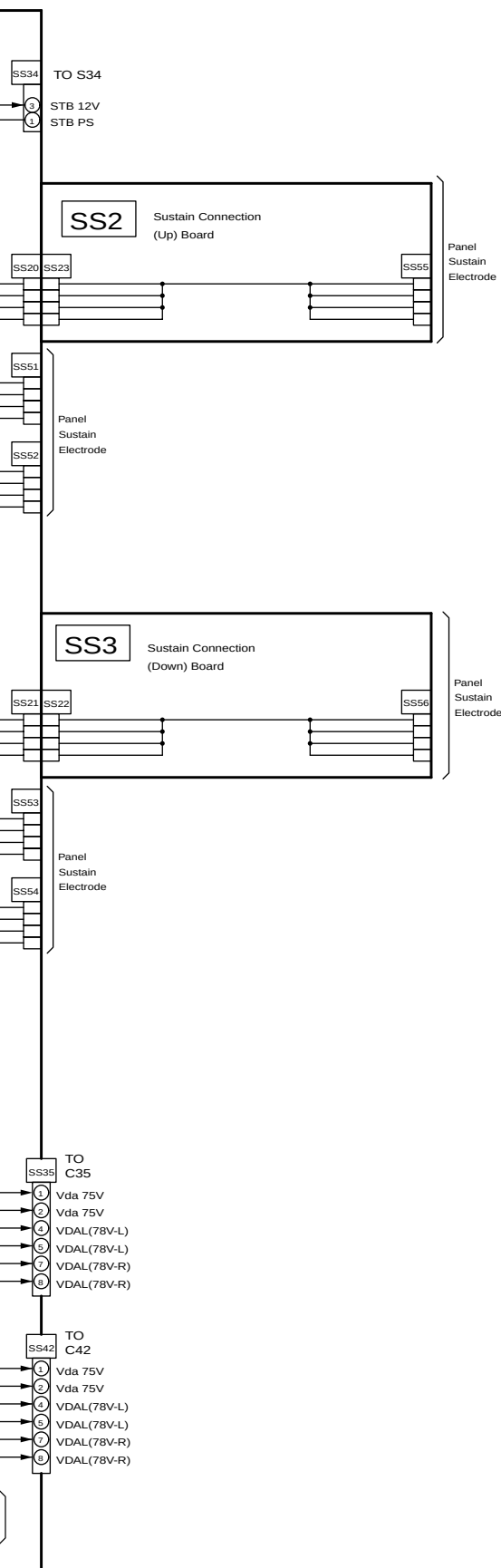
To 4th 96pins of
SCAN ELECTRODES

TH-50PHD8BK/BS/EK/ES
SD-Board (2 of 2) Schematic Diagram

15.54. SS, SS2 and SS3-Board Block Diagram

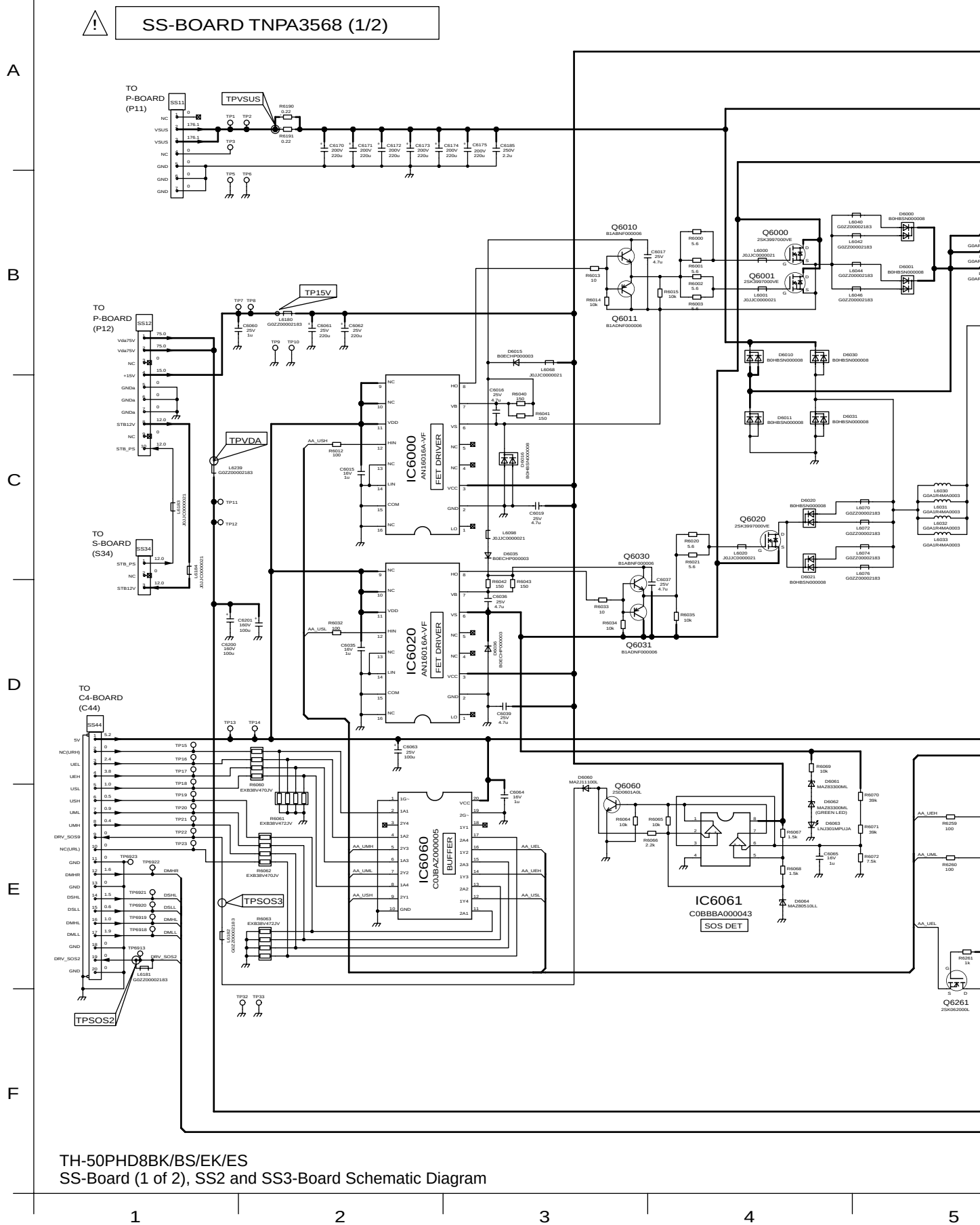


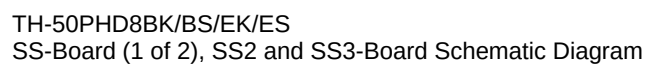
TH-50PHD8BK/BS/EK/ES
SS, SS2 and SS3-Board Block Diagram



TH-50PHD8BK/BS/EK/ES
SS, SS2 and SS3-Board Block Diagram

15.55. SS-Board (1 of 2), SS2 and SS3-Board Schematic Diagram

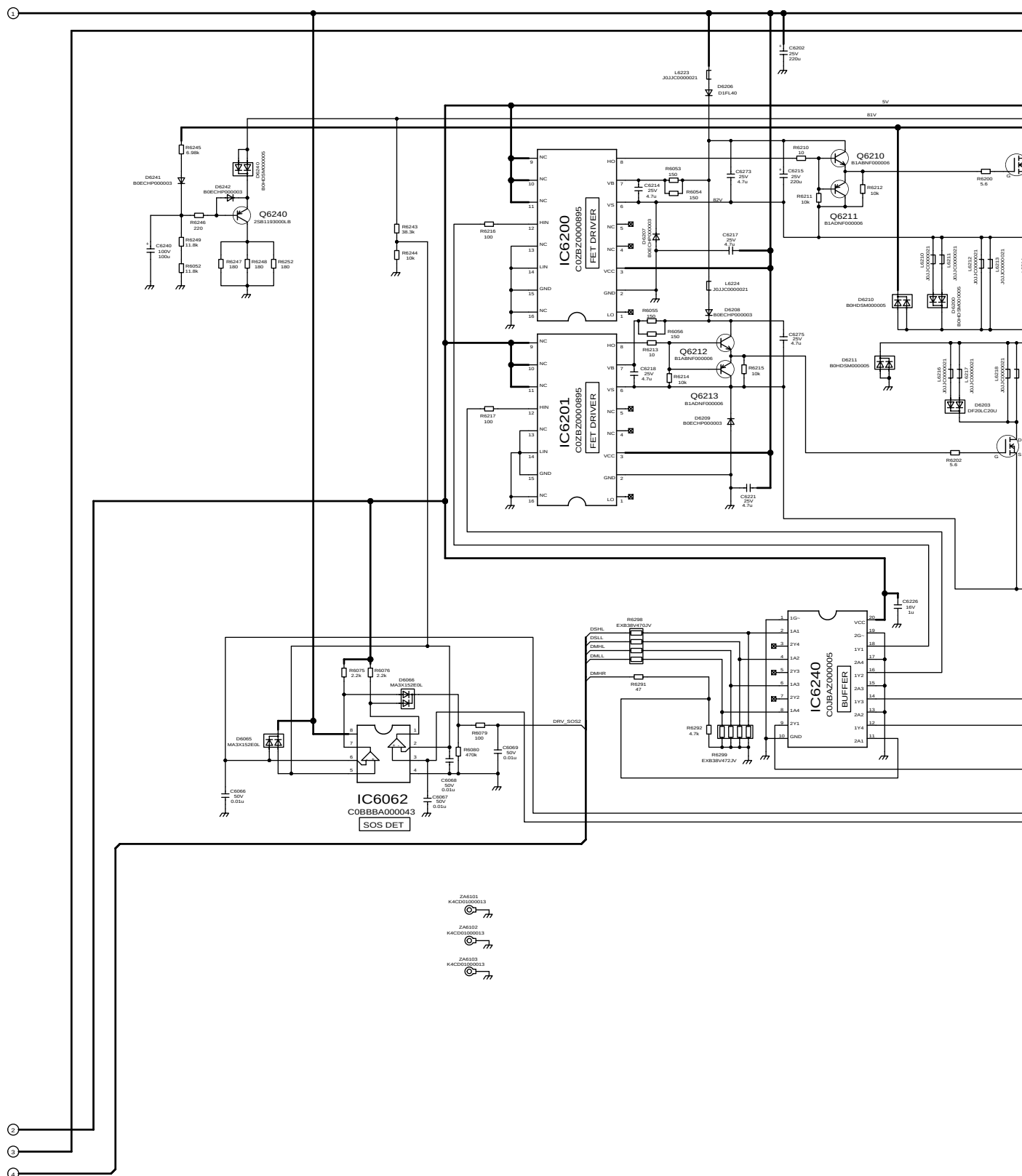


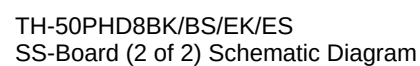


15.56. SS-Board (2 of 2) Schematic Diagram



SS-BOARD TNPA3568 (2/2)







15.57. S1, V1 and V2-Board Block and Schematic Diagram

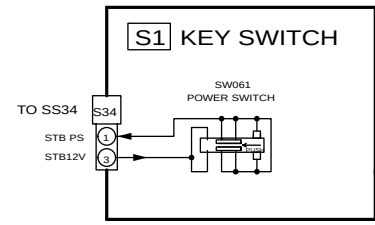
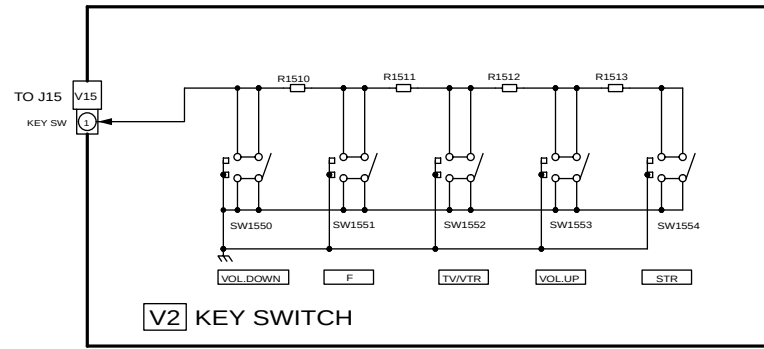
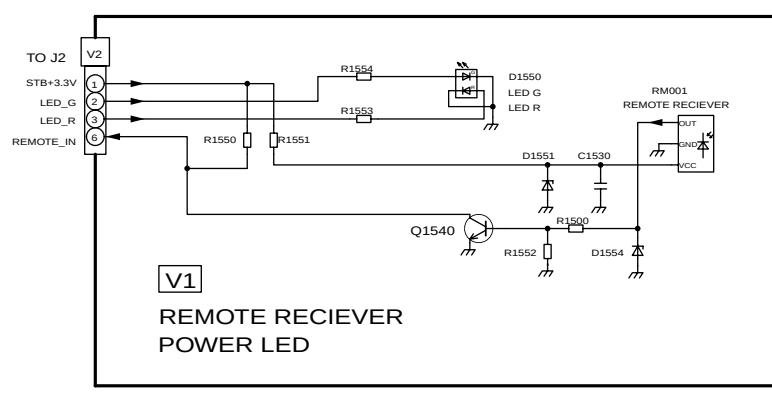
A

B

C

D

E



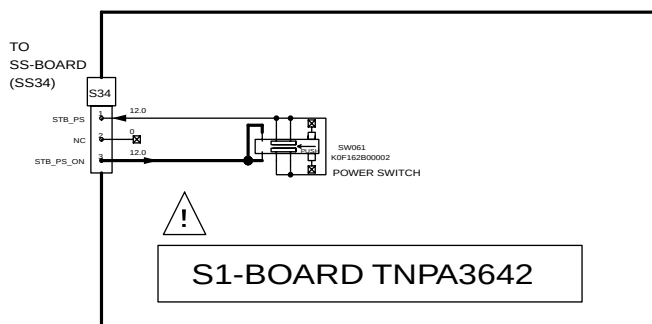
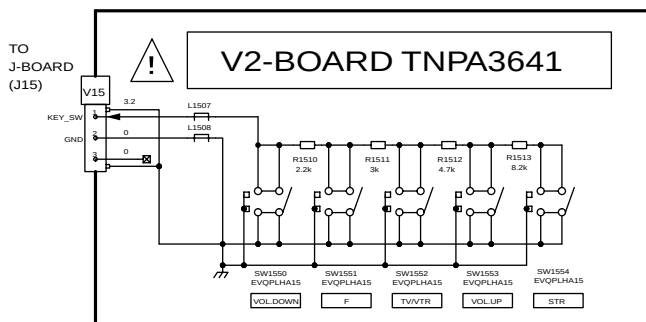
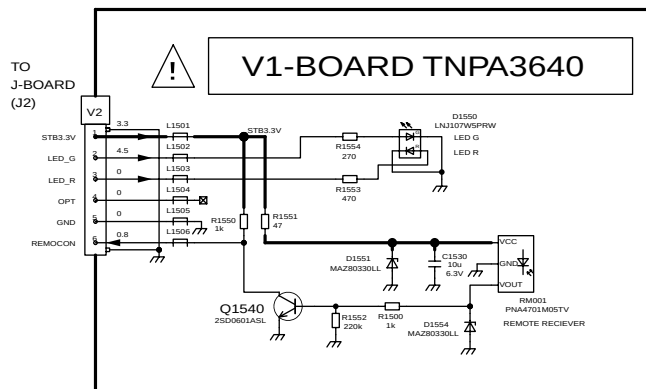
TH-50PHD8BK/BS/EK/ES
S1, V1 and V2-Board Block and Schematic Diagram

1

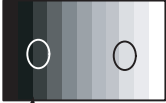
2

3

4



TH-50PHD8BK/BS/EK/ES
S1, V1 and V2-Board Block and Schematic Diagram

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	PC (VGA) Gray Scale Pattern 	Color Analyzer	Picture menu: Standard Picture: 25 Color temperature: Cool Aspect: Full POS./Size: Normal Component/ RGB-IN Select: RGB IIC mode: Panel W/B Adj	PANEL W/B G cut off PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive	Note: · Before adjustment, color signal has not been displayed on panel. · The pedestal adjustment has been done. · The signal root must be A side. 1) Set G cut off to " 80 " . 2)Find 75% (amplitude) of white area by color sensor. 3) Set G Drive to " E0 " . 4) Adjust B and R Drive to set the High color temperature as shown Table 1. 5) Increase equally R, G and B Drive to get the largest level of 3 color drive to "FC". <table border="1"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.276</td><td>0.276</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Table 1 W/B adjustment values	Color Temp.	x	y	Cool(Hi)	0.276	0.276	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x		y														
Cool(Hi)	0.276		0.276														
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2		Picture menu: Standard Picture: 25 Color temperature: Normal Aspect: Full POS./Size: Normal	PANEL W/B G cut off PANEL W/B R,G,B Drive	1) Change color temperature to "Normal". 2) In Mid color temperature, repeat the procedures 1) to 5) of Cool mode.													
3		Picture menu: Standard Picture: 25 Color temperature: Warm Aspect: Full POS./Size: Normal	PANEL W/B G cut off PANEL W/B R,G,B Drive	1) Change color temperature to "Warm". 2) In Low color temperature, repeat the procedures 1) to 5) of Cool mode.													
4	· NTSC · PAL · DVI				1) Copy the R drive, G drive and B drive data obtained in above steps into NTSC, PAL and DVI area.												

Color temperature	R	G	B
High	A0-11AD	A0-11AE	A0-11AF
Medium	A0-11B0	A0-11B1	A0-11B2
Low	A0-11B3	A0-11B4	A0-11B5

Table 2 Drive data addresses (PC/RGB)

Color temperature	R	G	B
High	A0-1180	A0-1181	A0-1182
Medium	A0-1183	A0-1184	A0-1185
Low	A0-1186	A0-1187	A0-1188

Table 3 Drive data addresses (NTSC)

Color temperature	R	G	B
High	A0-1189	A0-118A	A0-118B
Medium	A0-118C	A0-118D	A0-118E
Low	A0-118F	A0-1190	A0-1191

Table 4 Drive data addresses (PAL)

Color temperature	R	G	B
High	A0-11B6	A0-11B7	A0-11B8
Medium	A0-11B9	A0-11BA	A0-11BB
Low	A0-11BC	A0-11BD	A0-11BE

Table 5 Drive data addresses (DVI)

	INPUT	Equipment	Setting	Alignment menu	Procedure												
1	HD (YUV2_HD) Gray Scale Pattern 	Color Analyzer	Picture menu: Standard Picture: 25 Color temperature: Cool Aspect: Full POS./Sise: Normal Component/ RGB-IN Select: COMPONENT IIC mode: Panel W/B Adj	PANEL W/B G cut off PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive	Note: · Before adjustment, color signal has not been displayed on panel. · The pedestal adjustment has been done. · The signal root must be A side. 1) Set G cut off to " 80 " . 2)Find 75% (amplitude) of white area by color sensor. 3) Set G Drive to " E0 " . 4) Adjust B and R Drive to set the High color temperature as shown Table 1. 5) Increase equally R, G and B Drive to get the largest level of 3 color drive to "FC". <table border="1"><tr><td>Color Temp.</td><td>x</td><td>y</td></tr><tr><td>Cool(Hi)</td><td>0.276</td><td>0.276</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table> Table 1 W/B adjustment values	Color Temp.	x	y	Cool(Hi)	0.276	0.276	Normal(Mid)	0.288	0.296	Warm(Low)	0.313	0.329
Color Temp.	x		y														
Cool(Hi)	0.276		0.276														
Normal(Mid)	0.288	0.296															
Warm(Low)	0.313	0.329															
2		Picture menu: Standard Picture: 25 Color temperature: Normal Aspect: Full POS./Sise: Normal	PANEL W/B G cut off PANEL W/B R,G,B Drive	1) Change color temperature to "Normal". 2) In Mid color temperature, repeat the procedures 1) to 5) of Cool mode.													
3		Picture menu: Standard Picture: 25 Color temperature: Warm Aspect: Full POS./Sise: Normal	PANEL W/B G cut off PANEL W/B R,G,B Drive	1) Change color temperature to "Warm". 2) In Low color temperature, repeat the procedures 1) to 5) of Cool mode.													
4	· YUV1_525ip · YUV3_625ip				1) Copy the R drive, G drive and B drive data obtained in above steps into YUV1_525ip, YUV3_625ip area.												

Color temperature	R	G	B
High	A0-119B	A0-119C	A0-119D
Medium	A0-119E	A0-119F	A0-11A0
Low	A0-11A1	A0-11A2	A0-11A3

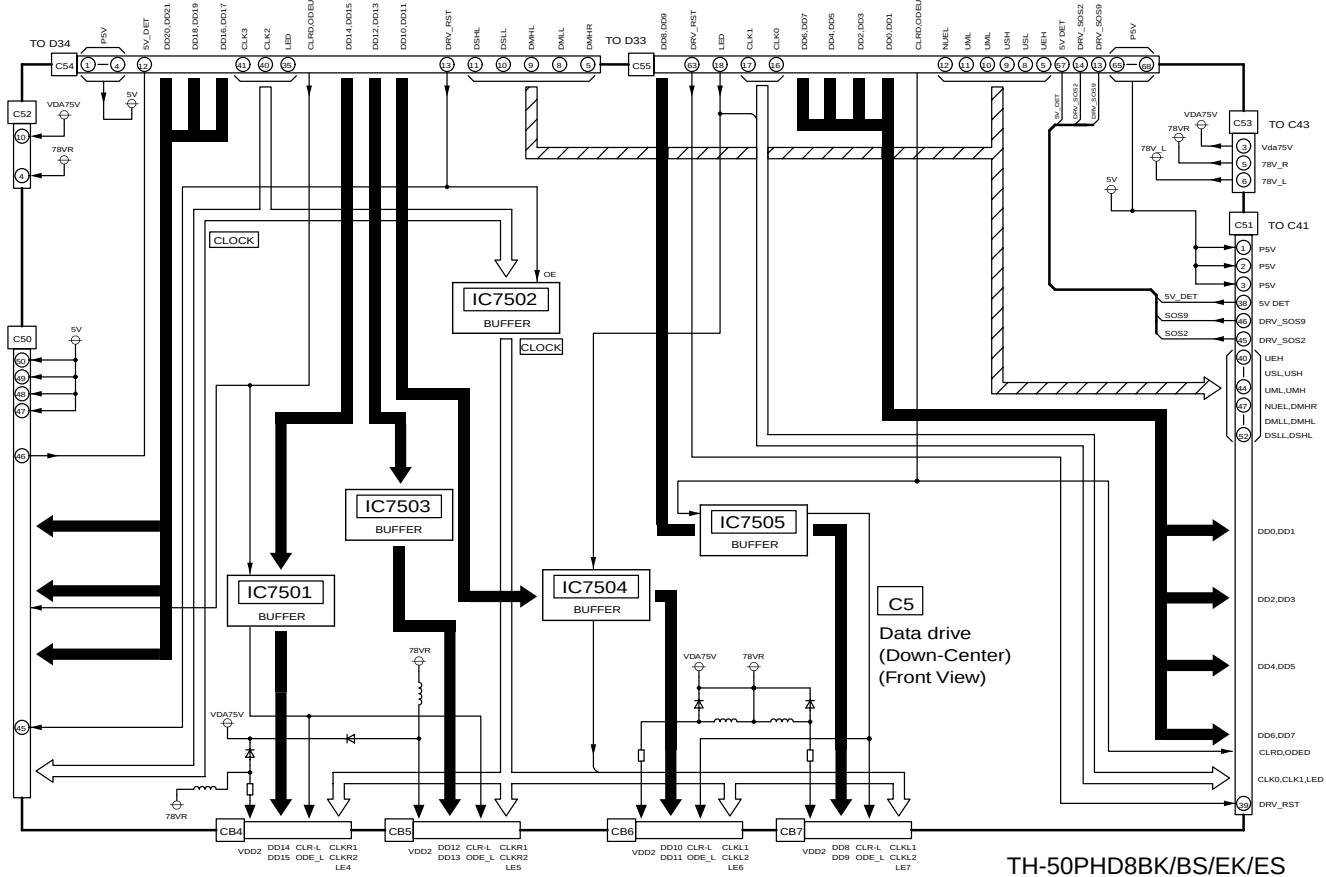
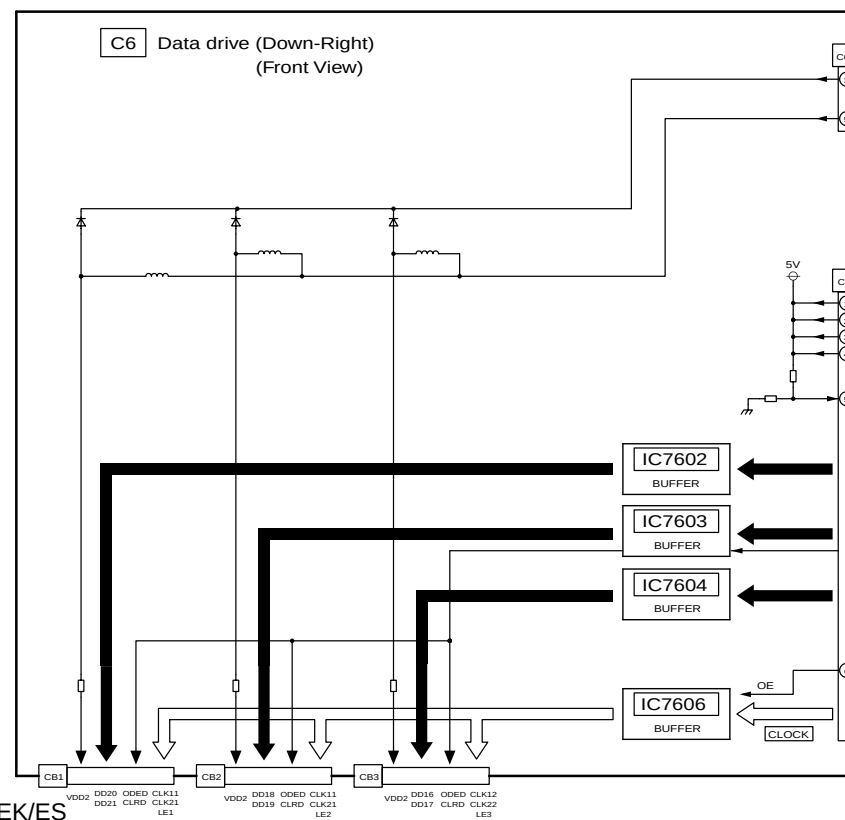
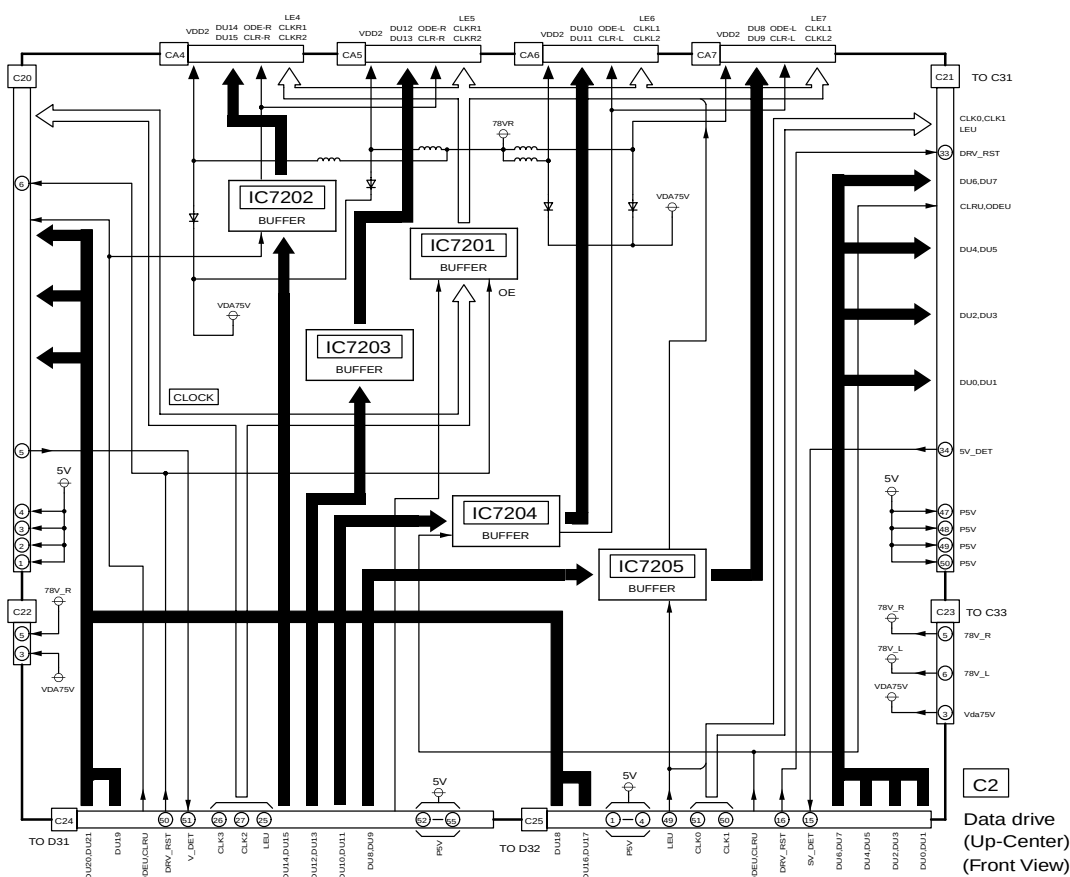
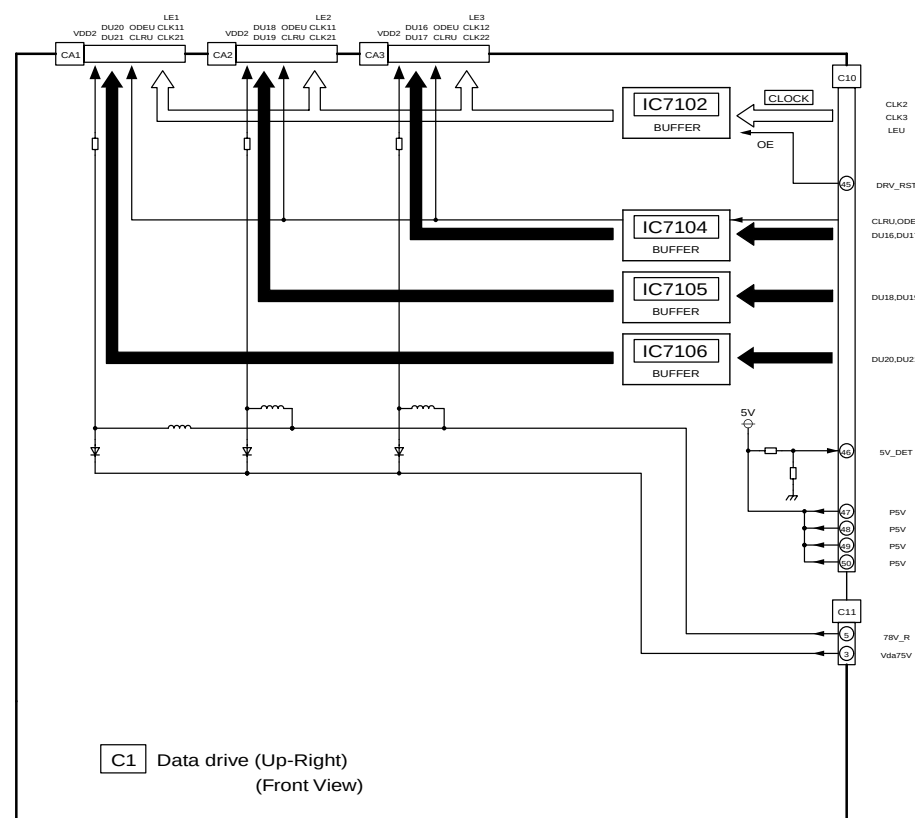
Table 2 Drive data addresses (YUV2_HD)

Color temperature	R	G	B
High	A0-1192	A0-1193	A0-1194
Medium	A0-1195	A0-1196	A0-1197
Low	A0-1198	A0-1199	A0-119A

Table 3 Drive data addresses (YUV1_525ip)

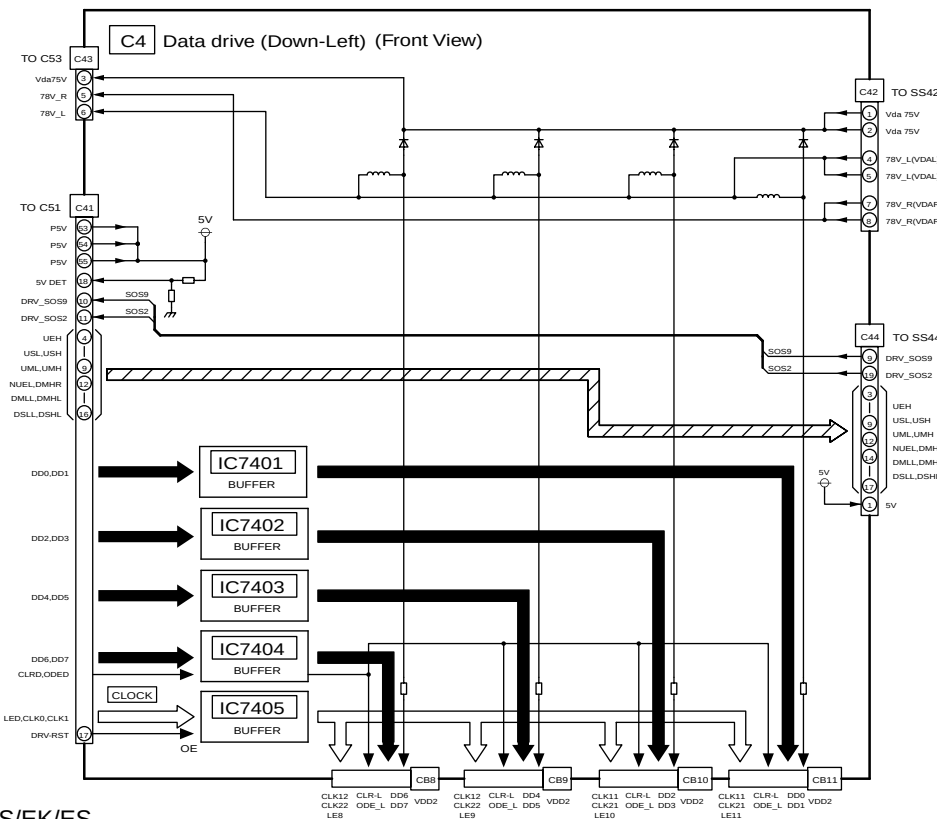
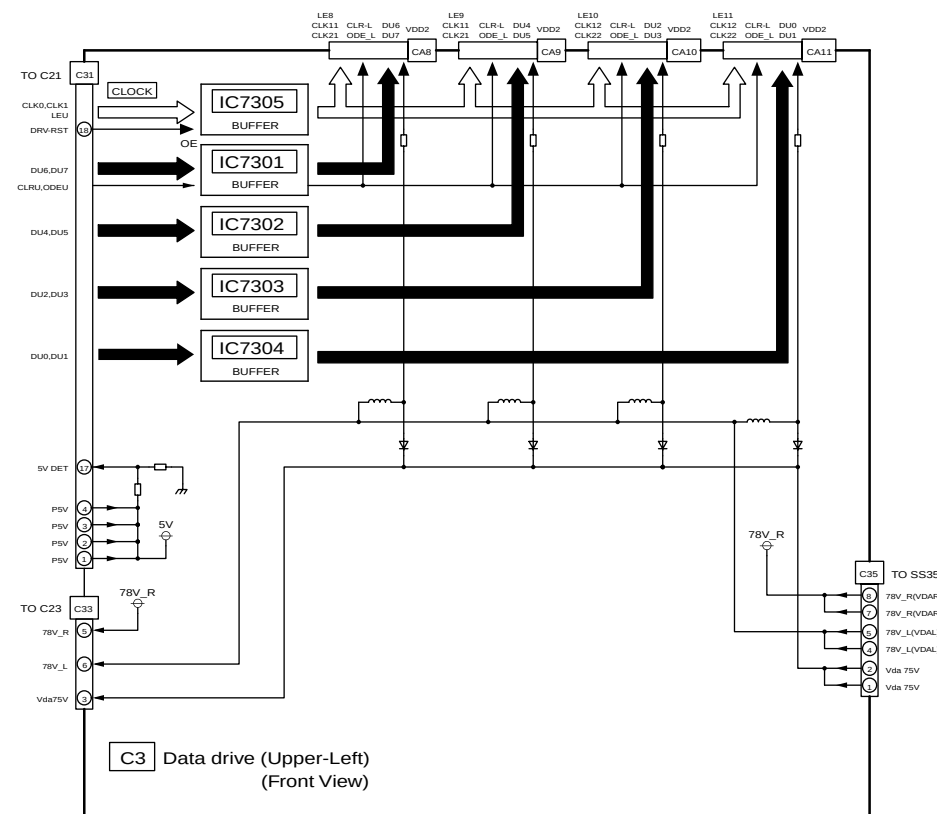
Color temperature	R	G	B
High	A0-11A4	A0-11A5	A0-11A6
Medium	A0-11A7	A0-11A8	A0-11A9
Low	A0-11AA	A0-11AB	A0-11AC

Table 4 Drive data addresses (YUV3_625ip)



TH-50PHD8BK/BS/EK/ES
C1, C2, C5 and C6-Board Block Diagram

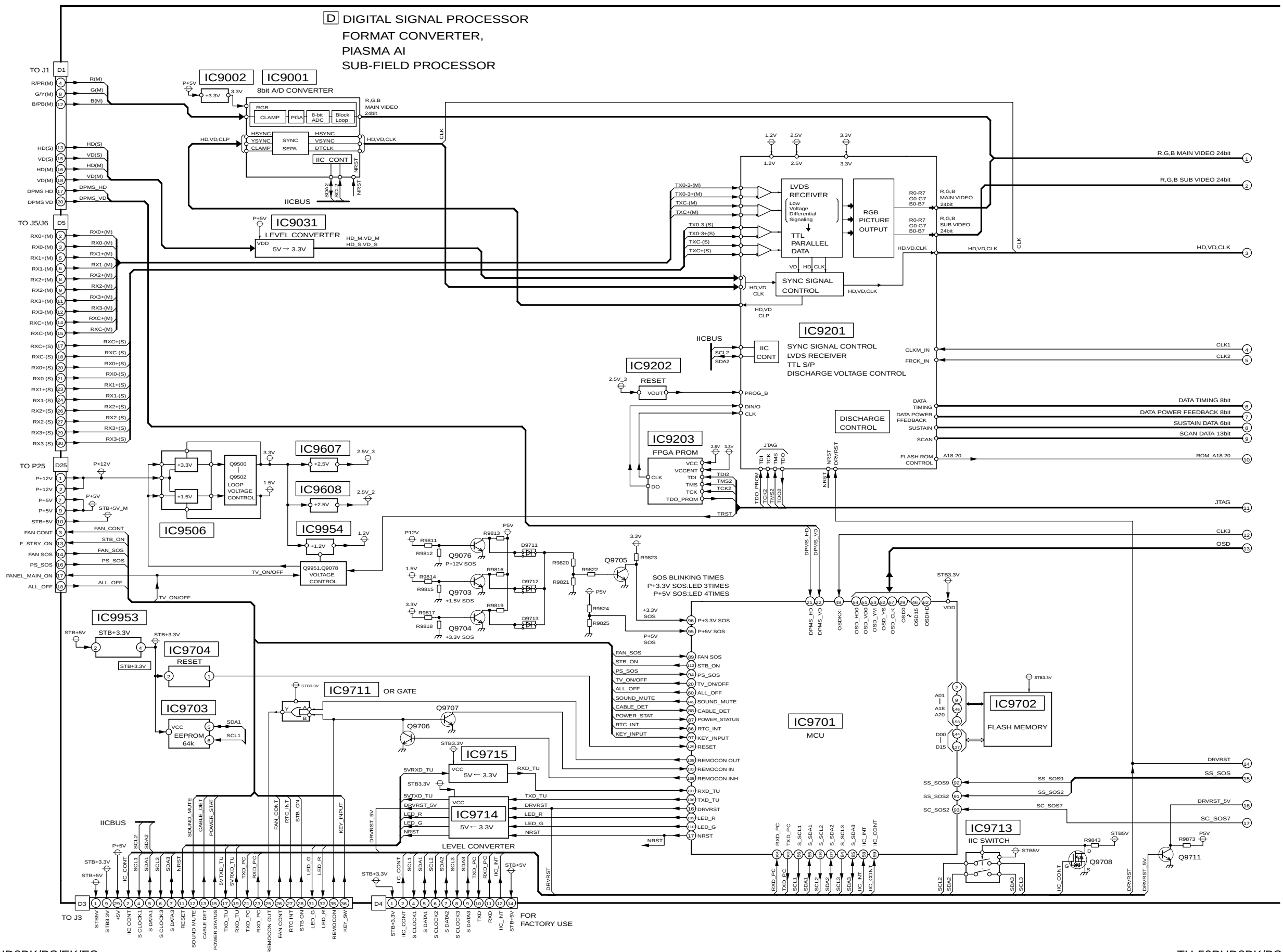
TH-50PHD8BK/BS/EK/ES
C1, C2, C5 and C6-Board Block Diagram



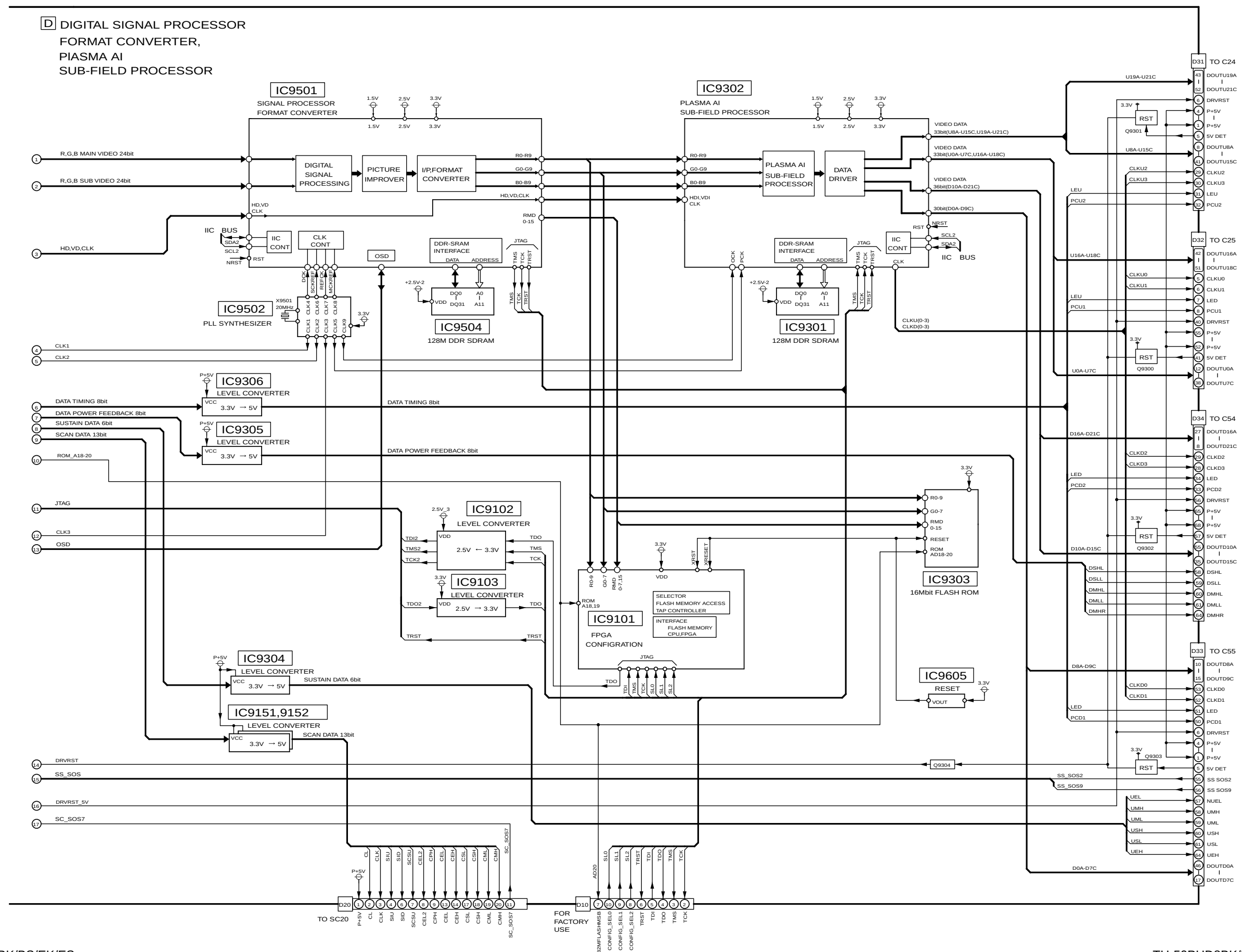
TH-50PHD8BK/BS/EK/ES
C3 and C4-Board Block Diagram

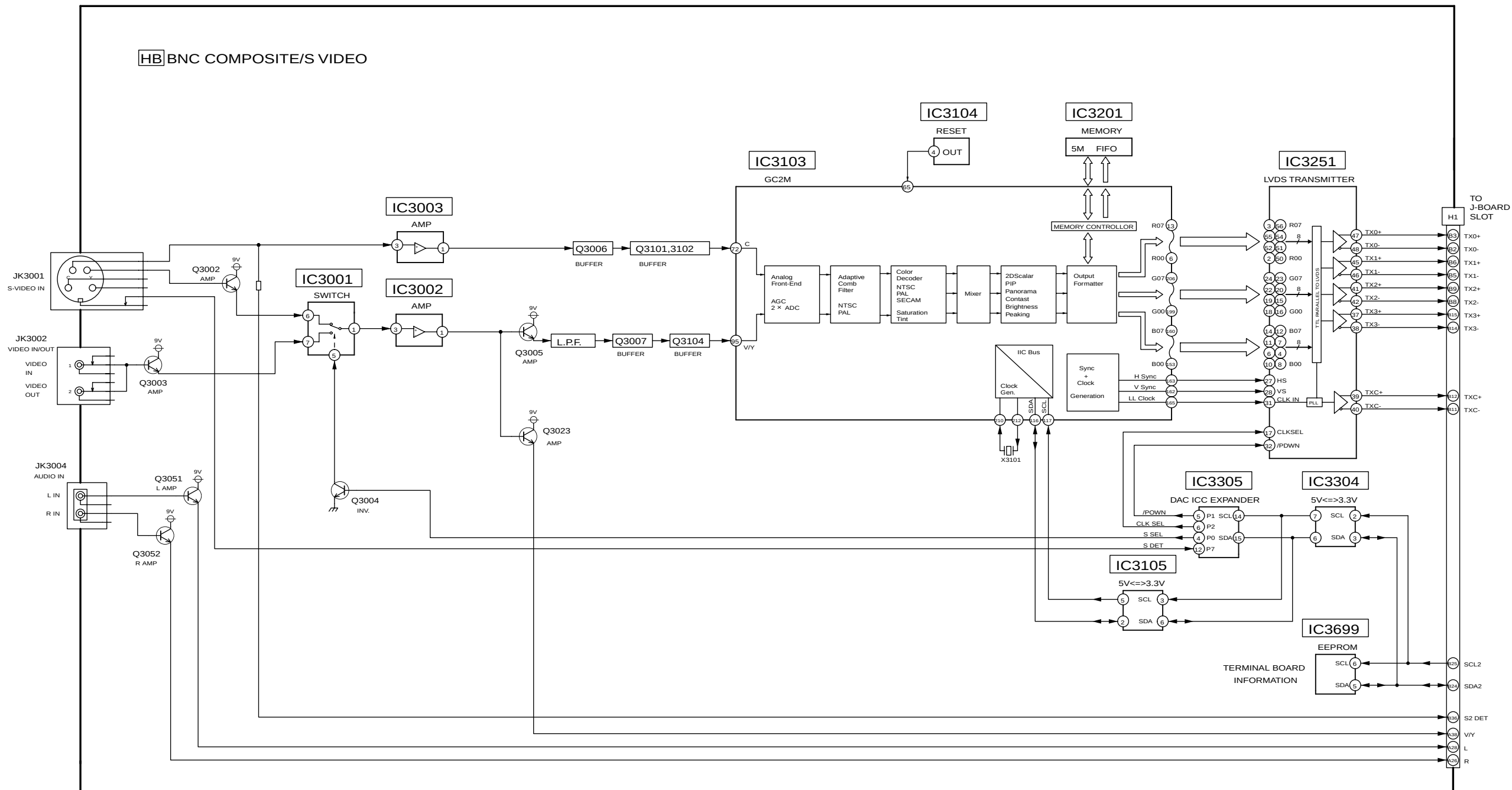
TH-50PHD8BK/BS/EK/ES
C3 and C4-Board Block Diagram

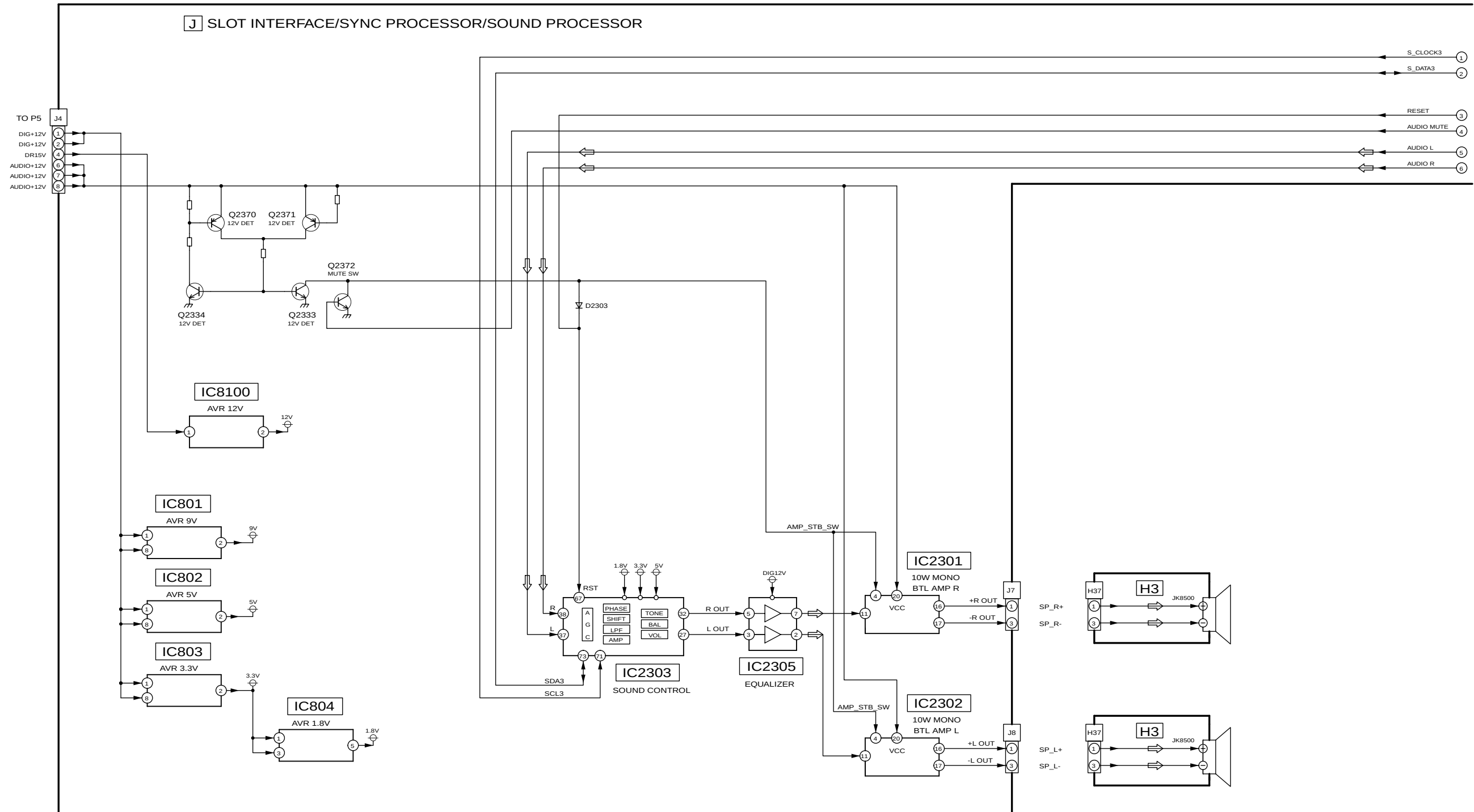
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 FORMAT CONVERTER,
 PLASMA AI
 SUB-FIELD PROCESSOR



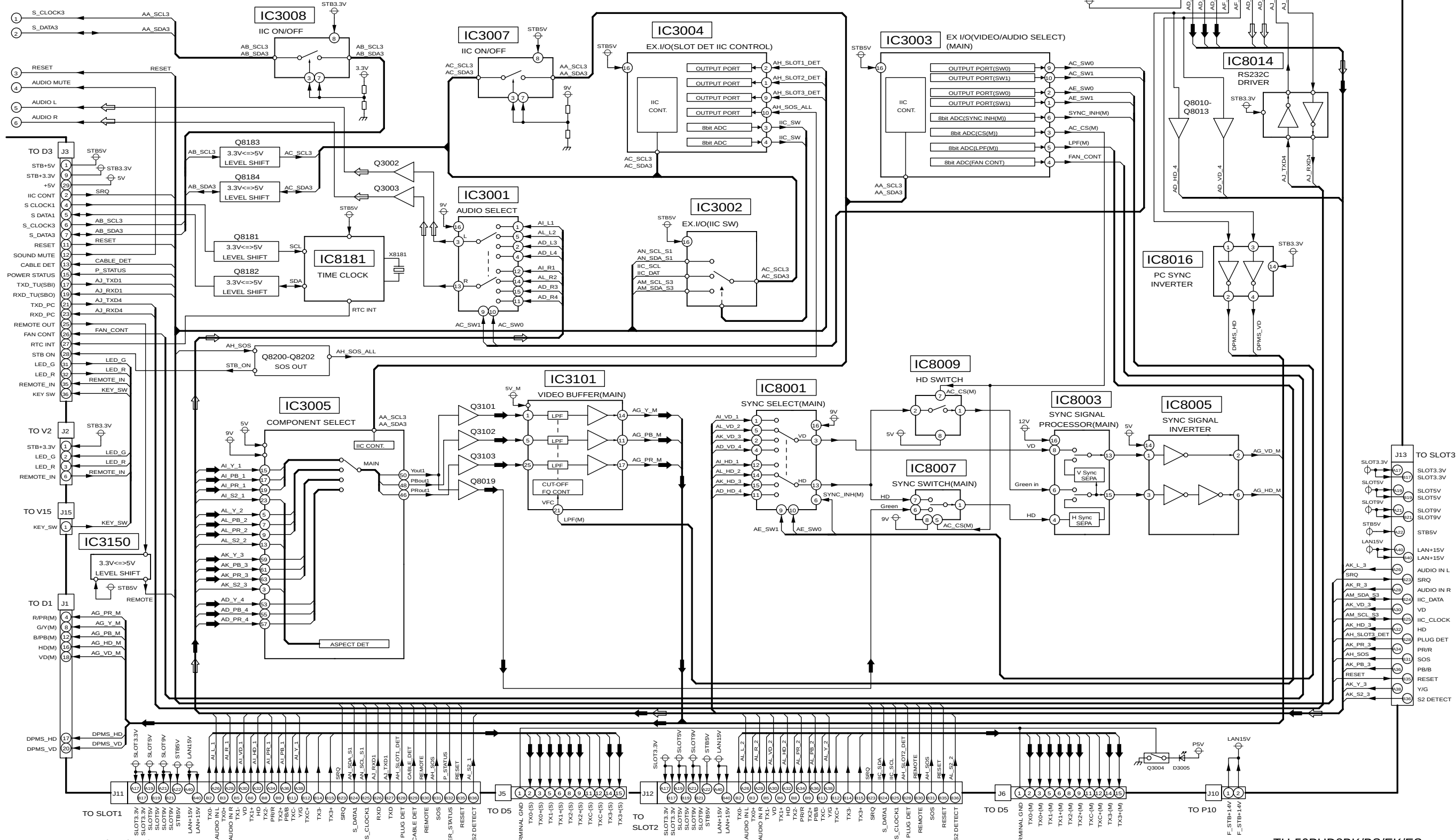
D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER,
PIASMA AI
SUB-FIELD PROCESSOR

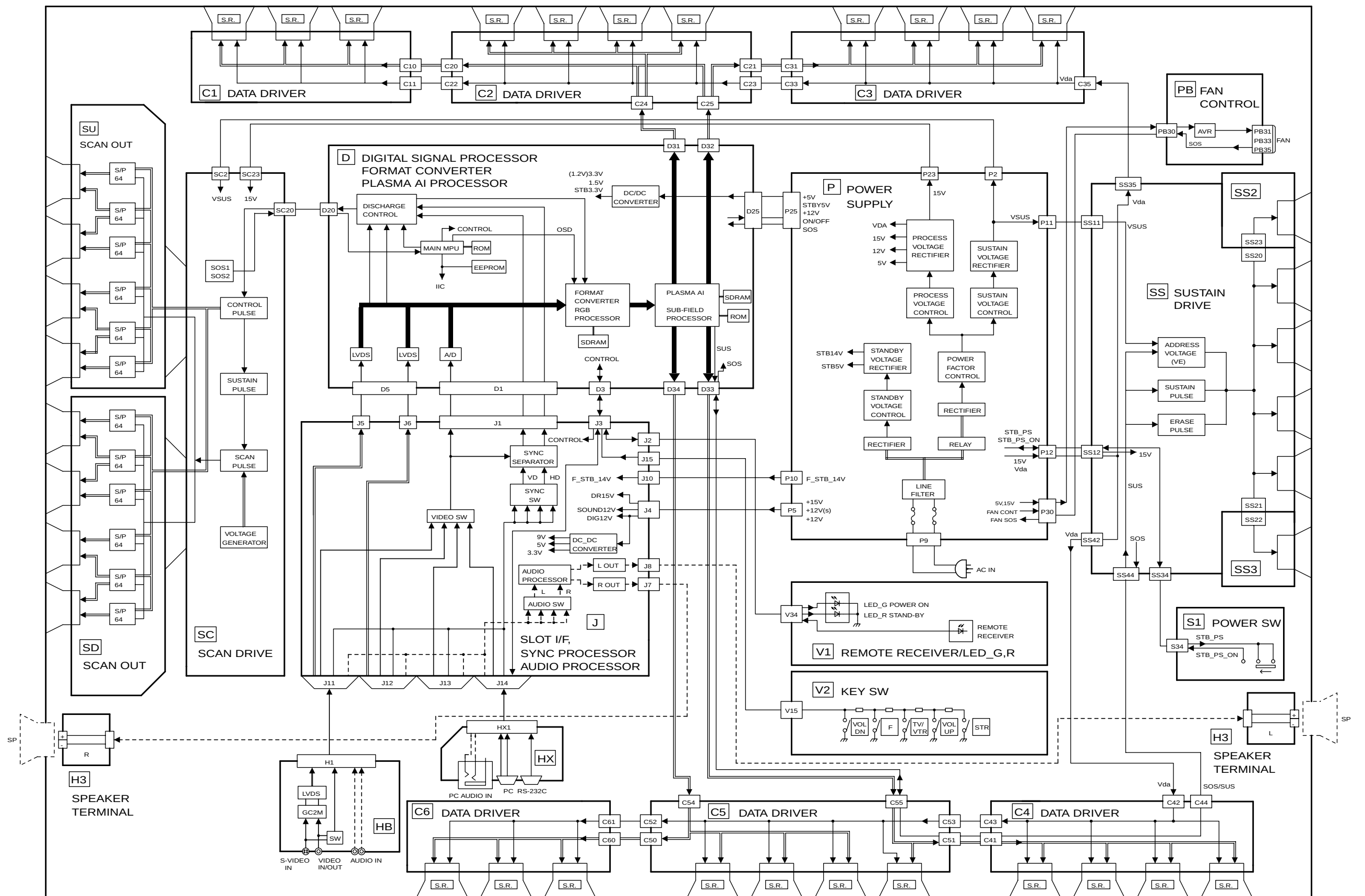


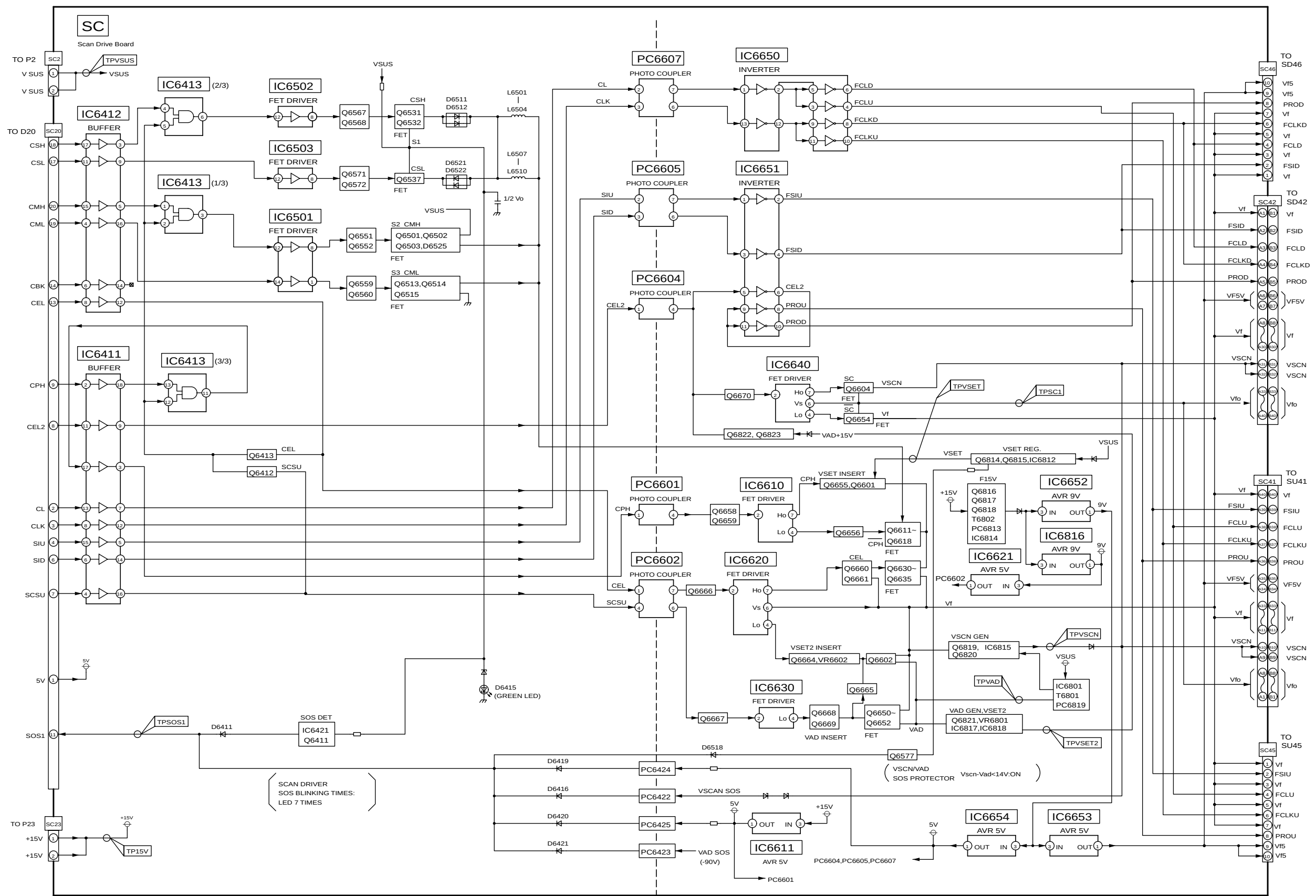


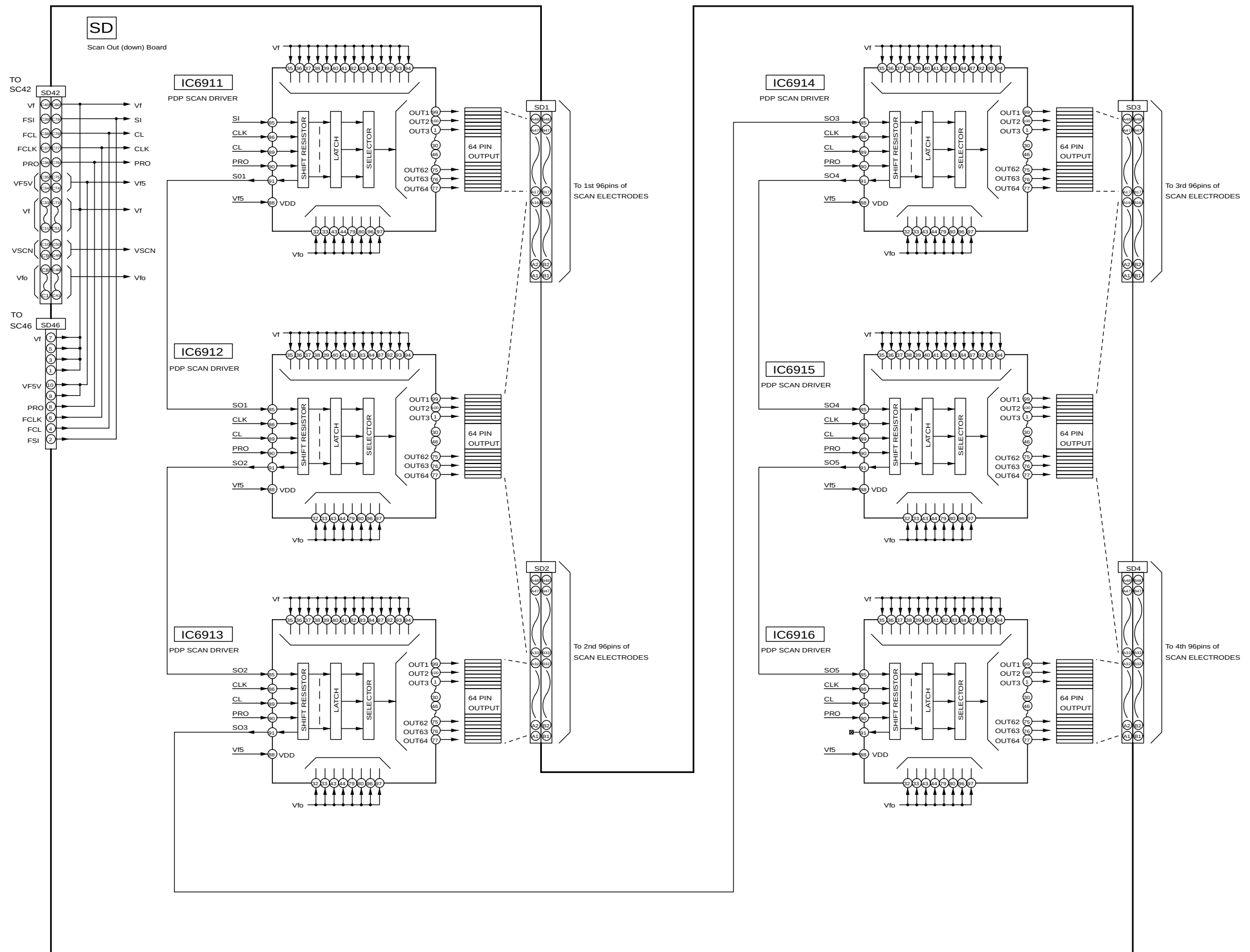


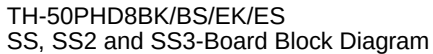
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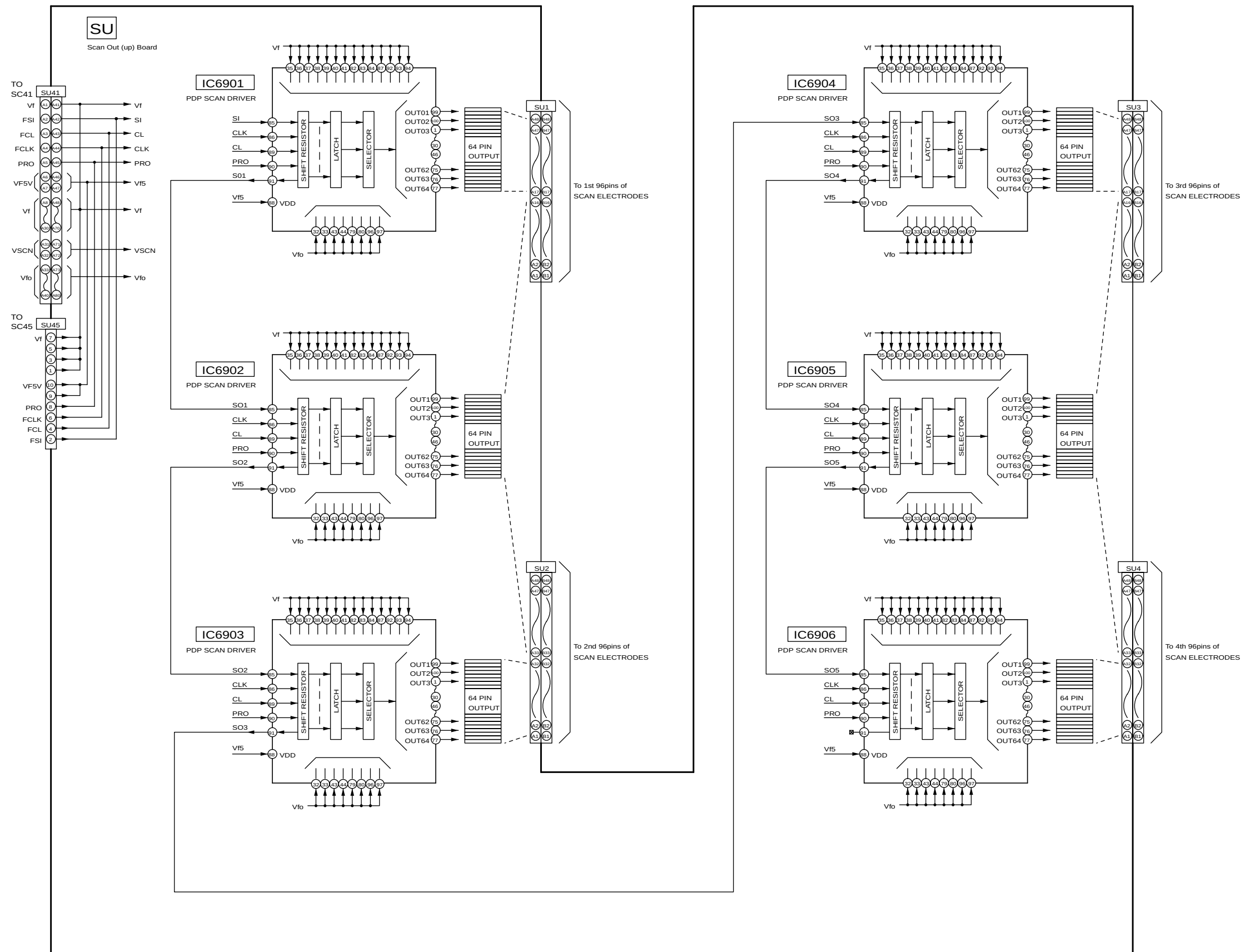












6

5

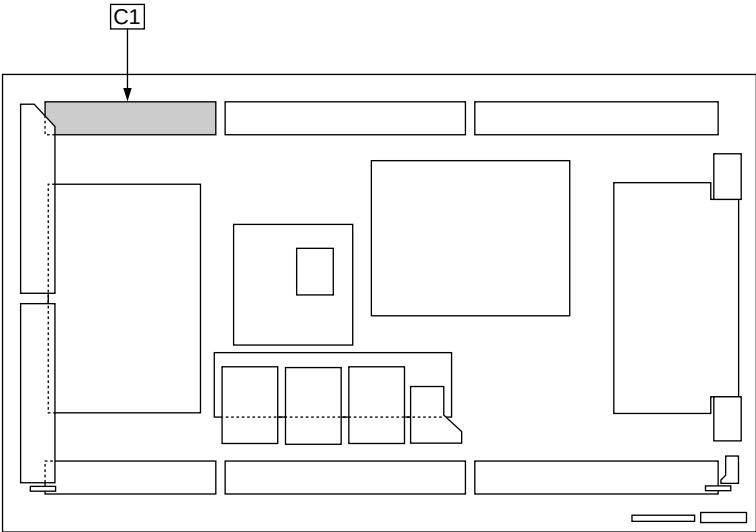
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3

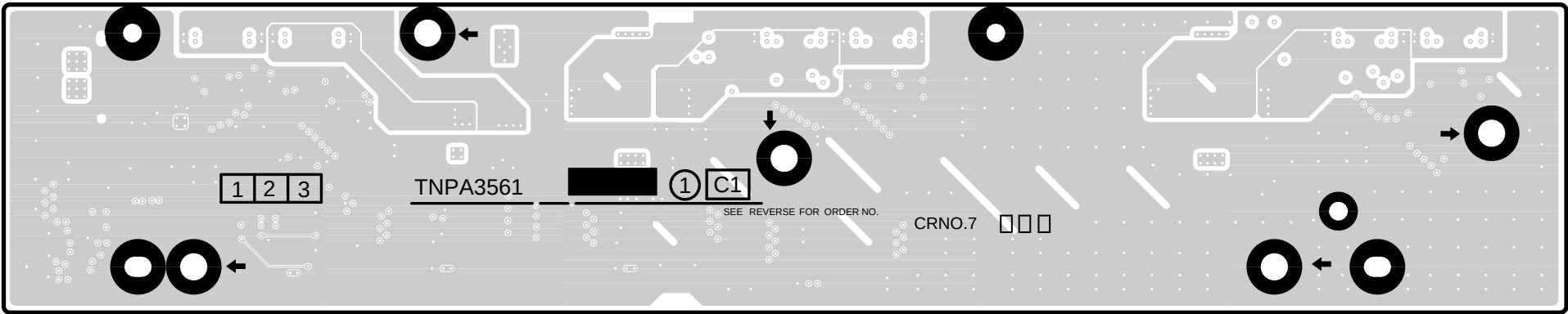
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1

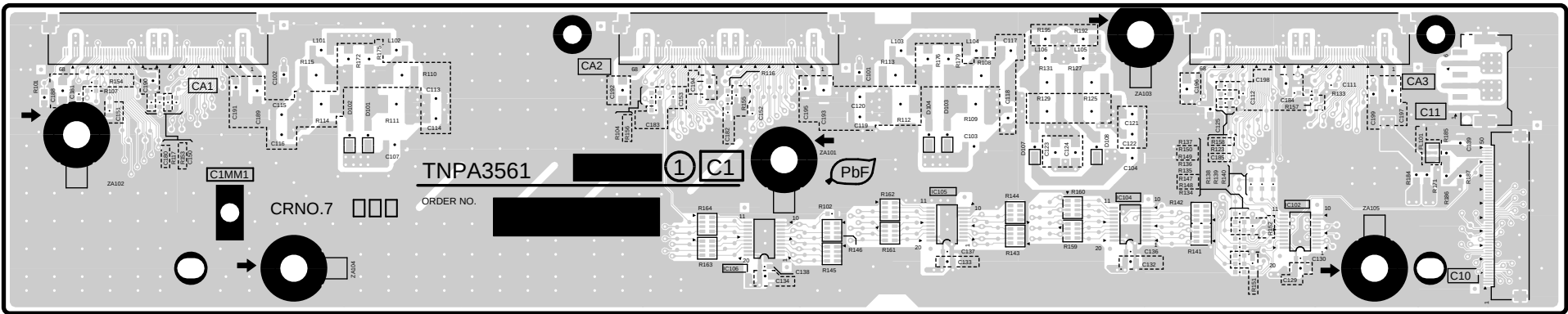
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C1-BOARD	
IC	
IC7102	F-2
IC7104	F-2
IC7105	E-2
IC7106	D-1



C1-BOARD (FOIL SIDE)
TNPA3561

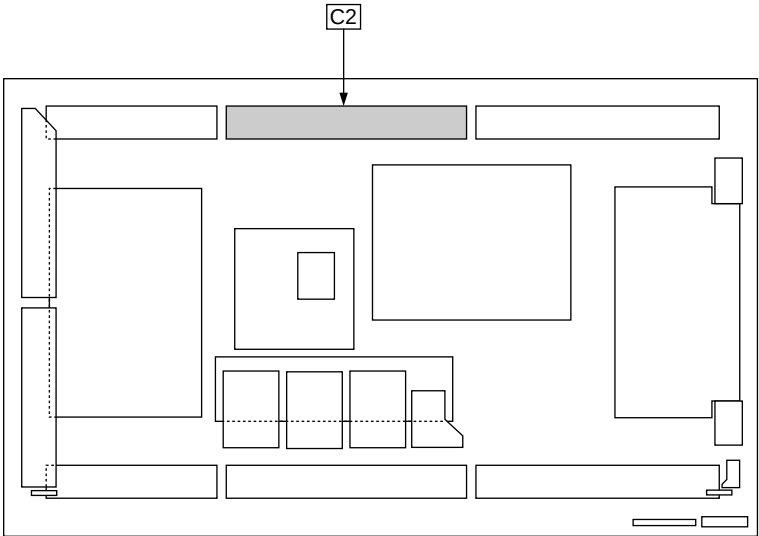


C1-BOARD (COMPONENT SIDE)
TNPA3561

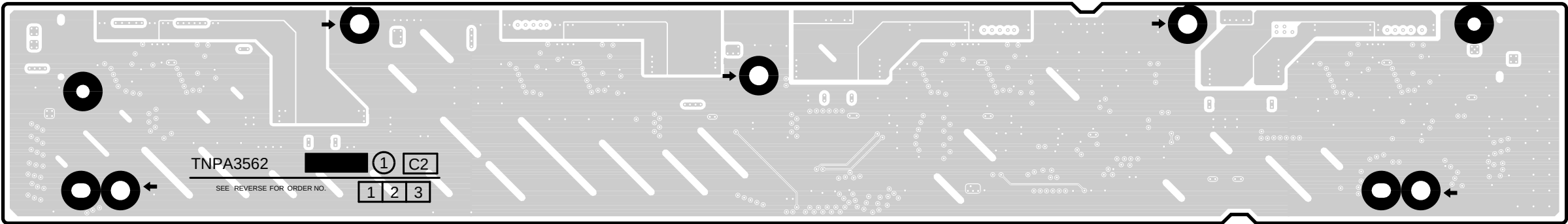


Parts Location

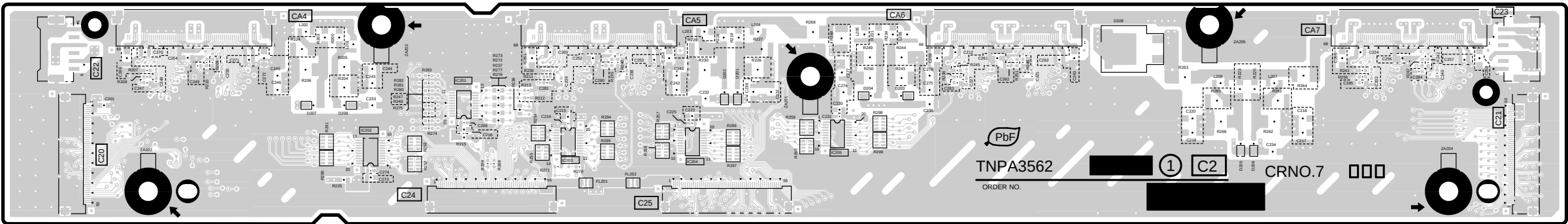
C2-BOARD	
IC	
IC7201	C-2
IC7202	C-2
IC7203	D-2
IC7204	E-2
IC7205	E-2



C2-BOARD (FOIL SIDE)
TNPA3562



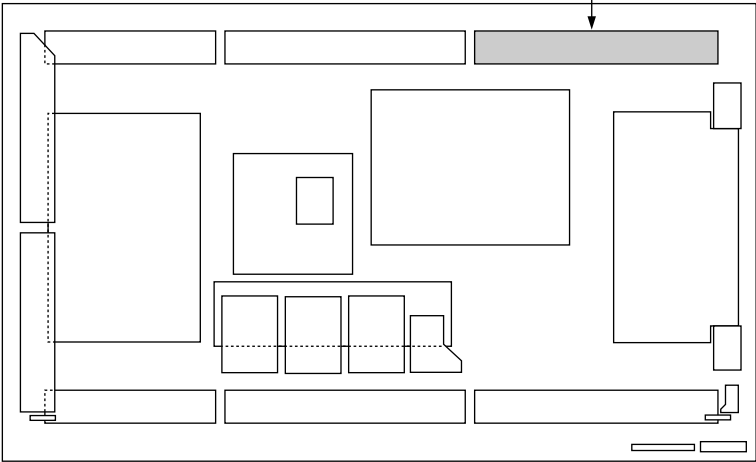
C2-BOARD (COMPONENT SIDE)
TNPA3562



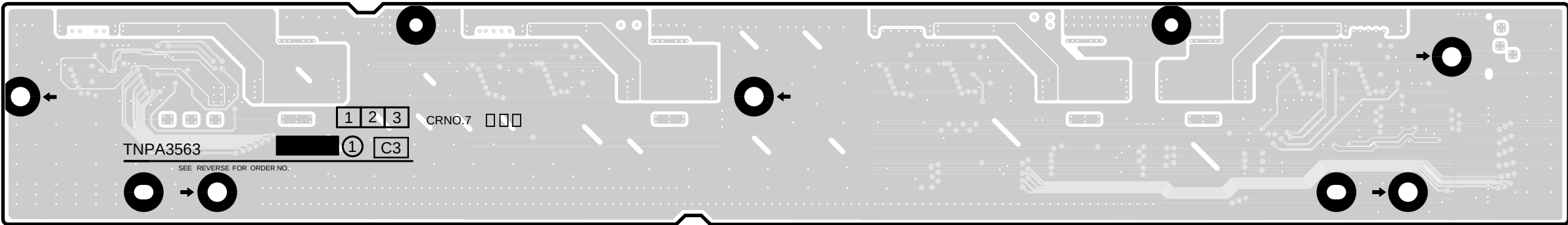
C3

Parts Location

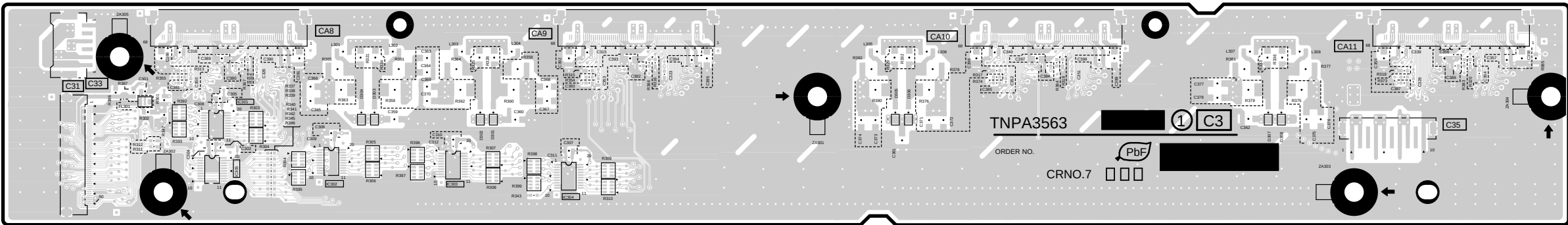
C3-BOARD	
IC	
IC7301	F-2
IC7302	C-2
IC7303	C-2
IC7304	D-2
IC7305	B-2



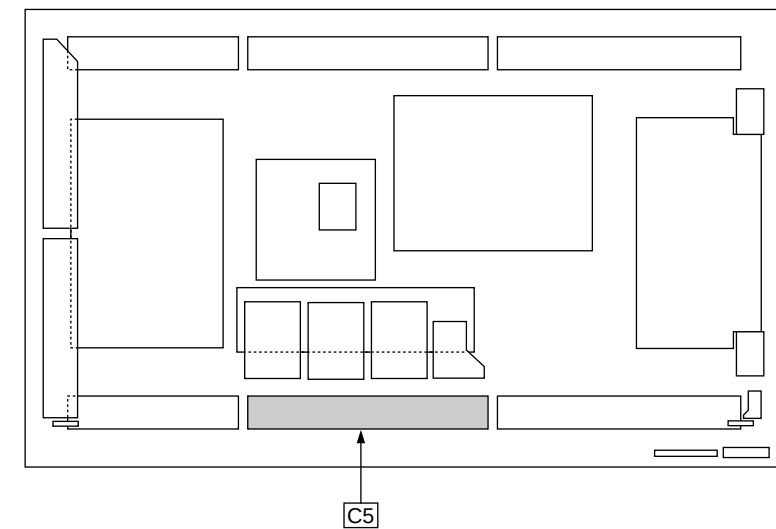
C3-BOARD (FOIL SIDE)
TNPA3563



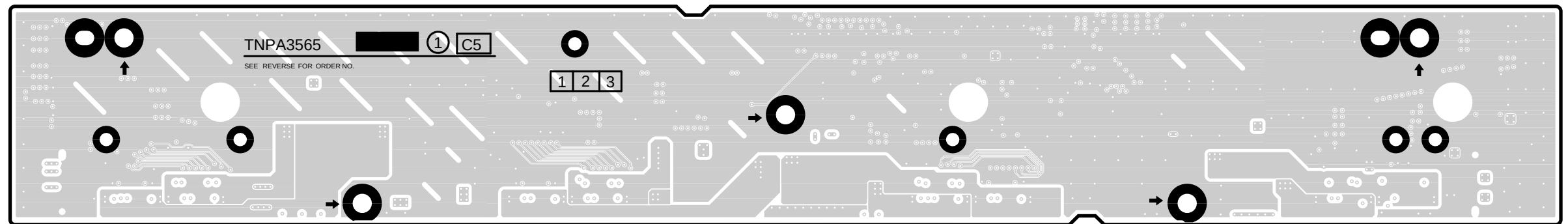
C3-BOARD (COMPONENT SIDE)
TNPA3563



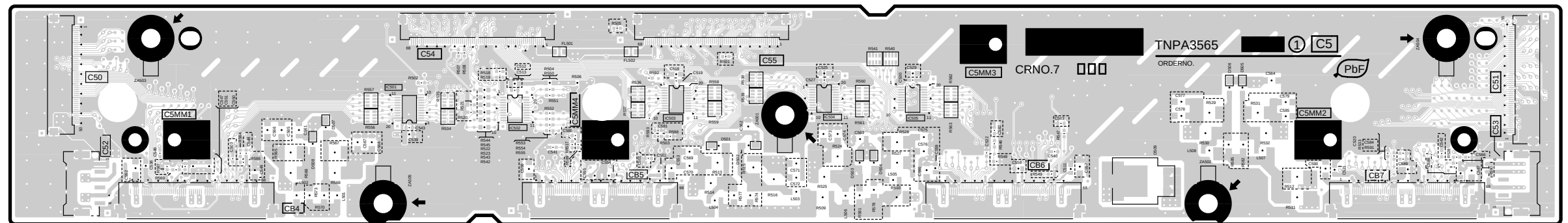
Parts Location



C5-BOARD (FOIL SIDE)
TNPA3565

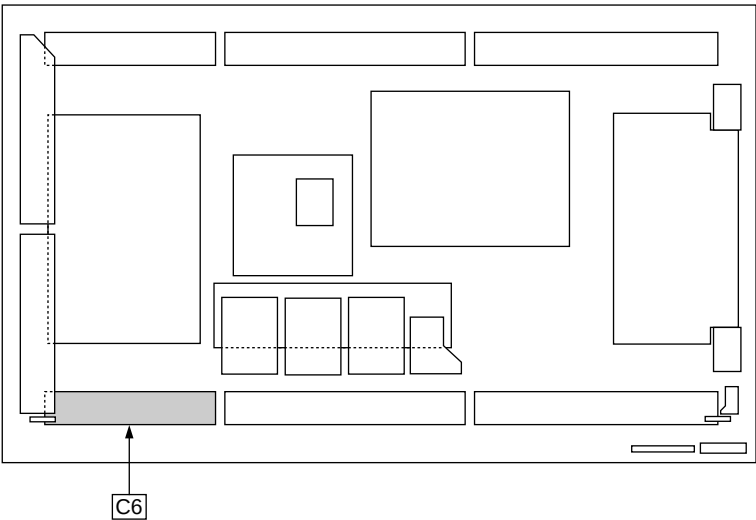


C5-BOARD (COMPONENT SIDE)
TNPA3565

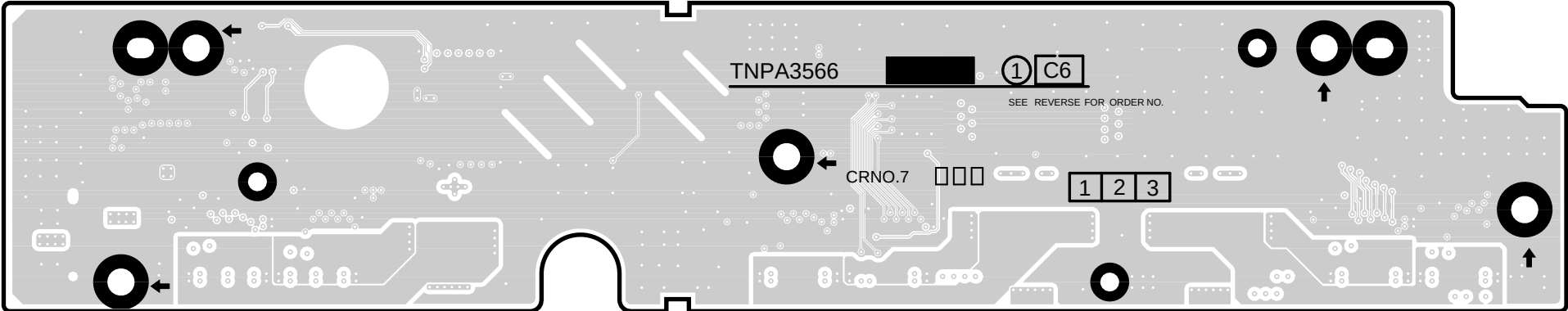


Parts Location

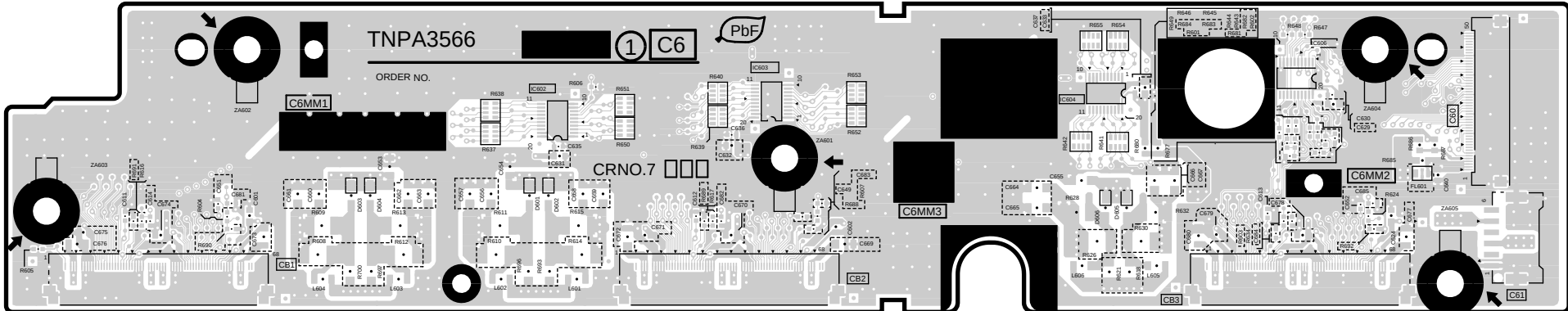
C6-BOARD	
IC	
IC7602	C-2
IC7603	D-2
IC7604	E-2
IC7606	F-2



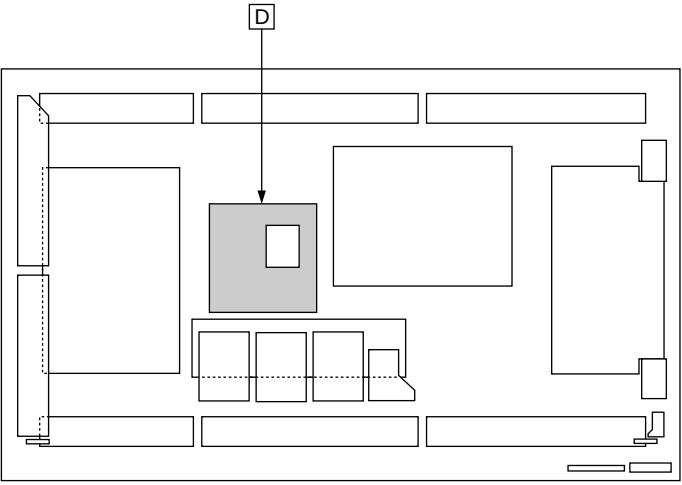
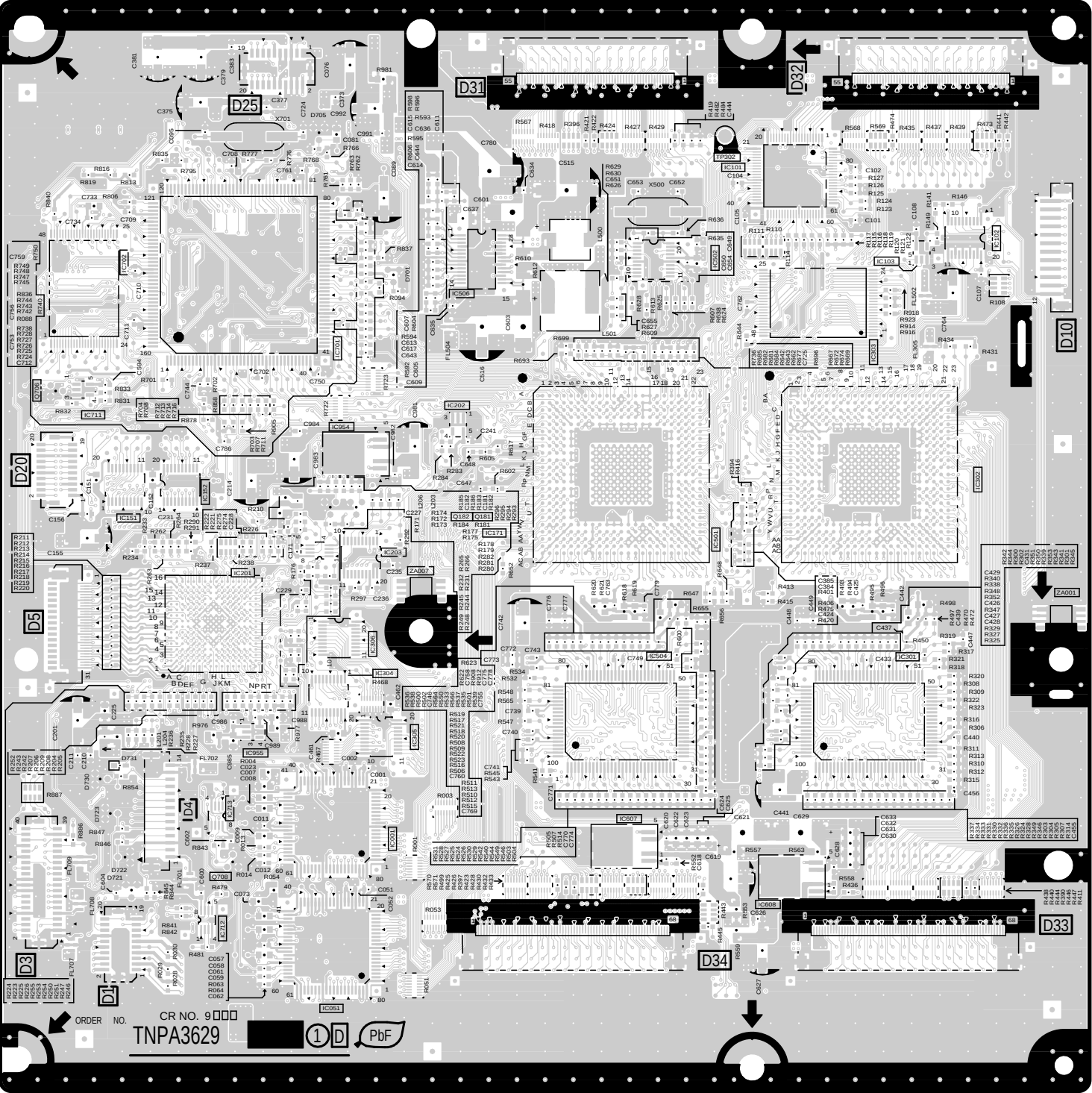
C6-BOARD (FOIL SIDE)
TXNC610XQS



C6-BOARD (COMPONENT SIDE)
TXNC610XQS



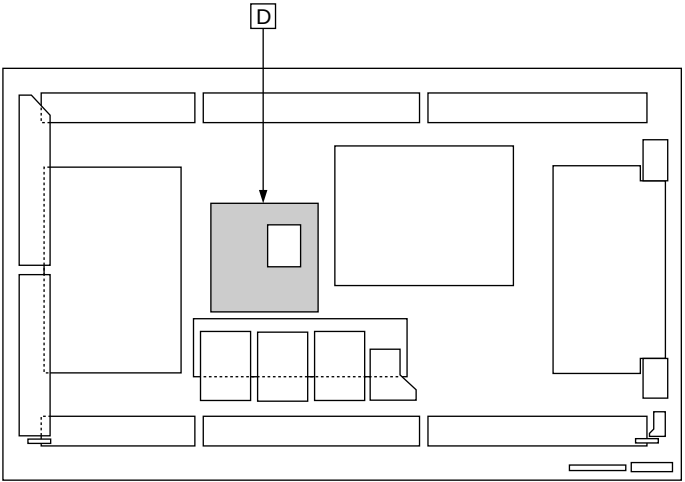
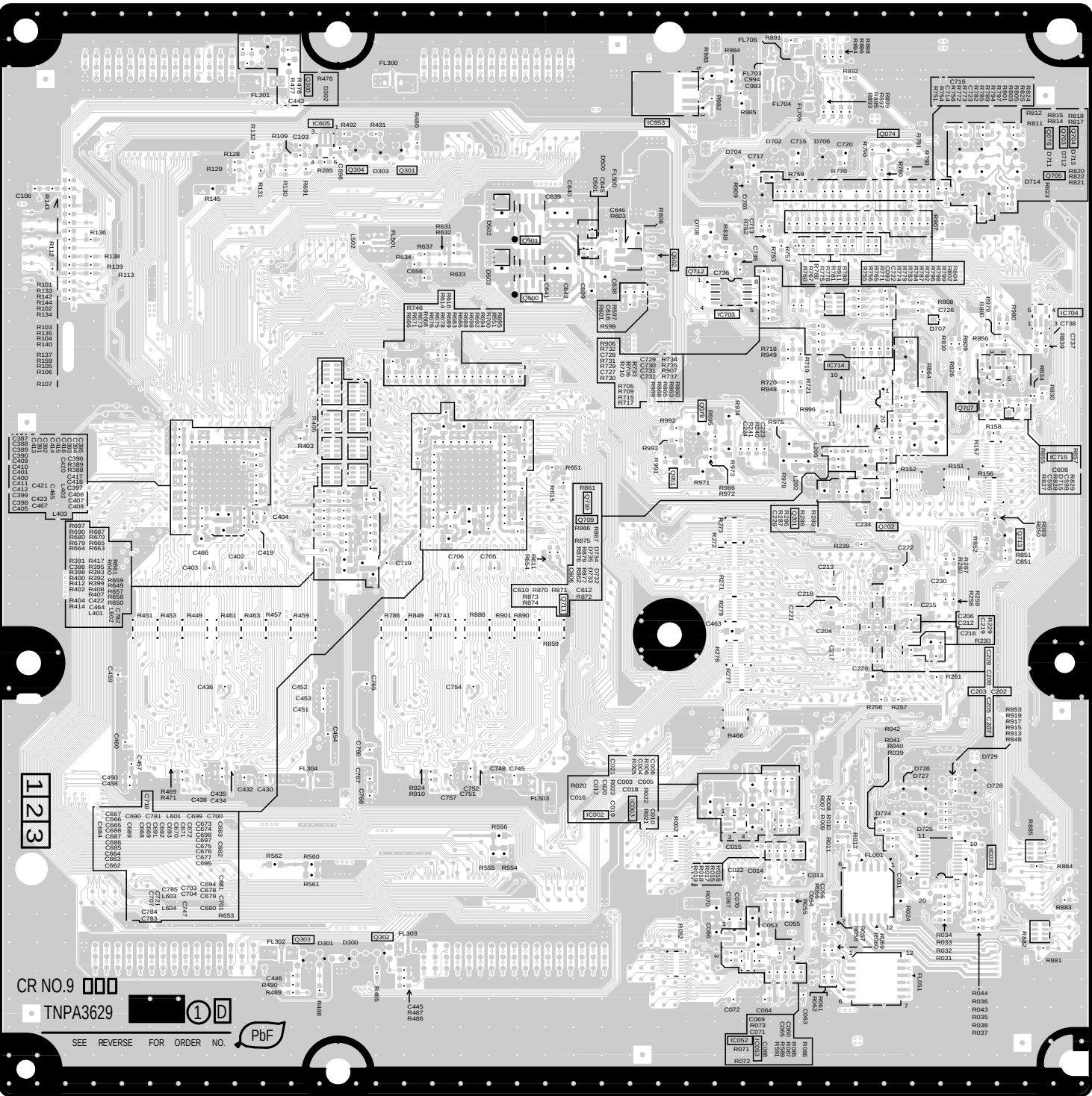
D-BOARD (COMPONENT SIDE)
TZTNP01YSSE



Parts Location

D-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC9001	D-2	Q9181	D-3
IC9051	C-1	Q9182	D-3
IC9101	E-5	Q9706	B-4
IC9102	F-5	Q9708	C-2
IC9103	F-5		
IC9151	B-3		
IC9152	C-4		
IC9171	D-3		
IC9201	C-3		
IC9202	D-4		
IC9203	D-3		
IC9301	F-3		
IC9302	F-4		
IC9303	F-4		
IC9304	C-3		
IC9305	D-2		
IC9306	C-3		
IC9501	E-3		
IC9502	E-5		
IC9504	E-3		
IC9506	D-4		
IC9607	E-2		
IC9608	E-2		
IC9701	C-4		
IC9702	B-5		
IC9711	B-4		
IC9712	C-2		
IC9713	C-2		
IC9954	C-4		
IC9955	C-2		
TP		TP	
		TP302	E-5

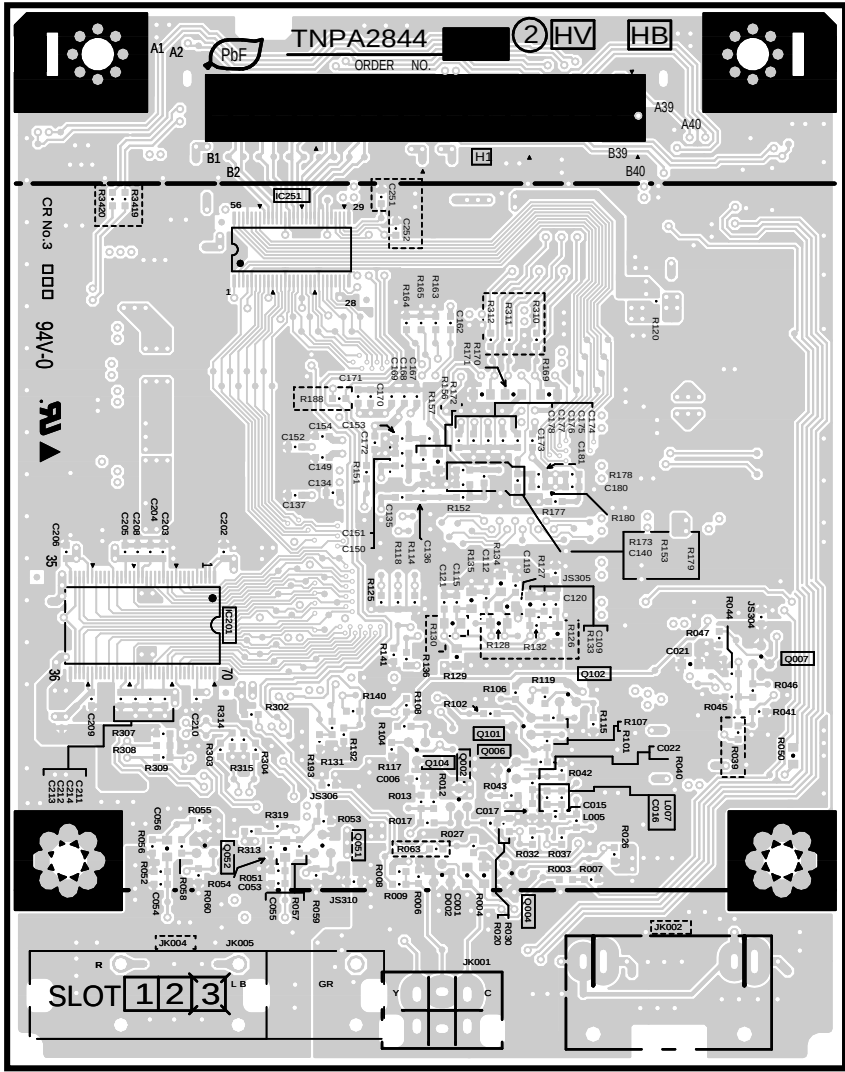
D-BOARD (FOIL SIDE)
TZTNP01YSSE



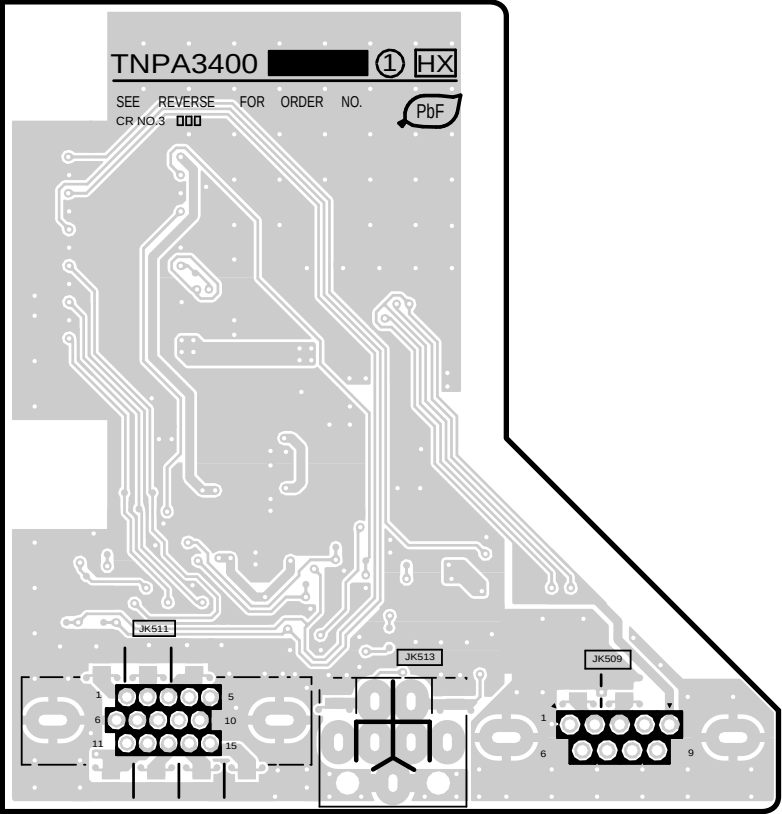
Parts Location

D-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC9002	D-2	Q9074	F-5
IC9003	E-2	Q9076	F-5
IC9031	F-2	Q9078	E-4
IC9052	E-1	Q9201	E-3
IC9053	E-1	Q9202	F-3
IC9605	C-5	Q9300	C-5
IC9703	E-4	Q9301	D-5
IC9704	G-4	Q9302	C-2
IC9714	F-4	Q9303	C-2
IC9715	F-4	Q9304	C-5
IC9953	E-5	Q9500	D-4
		Q9501	D-5
		Q9502	E-5
		Q9703	G-5
		Q9704	G-5
		Q9705	F-5
		Q9707	F-4
		Q9709	D-3
		Q9710	D-4
		Q9711	D-3
		Q9712	E-5
		Q9713	F-3
		Q9951	E-4

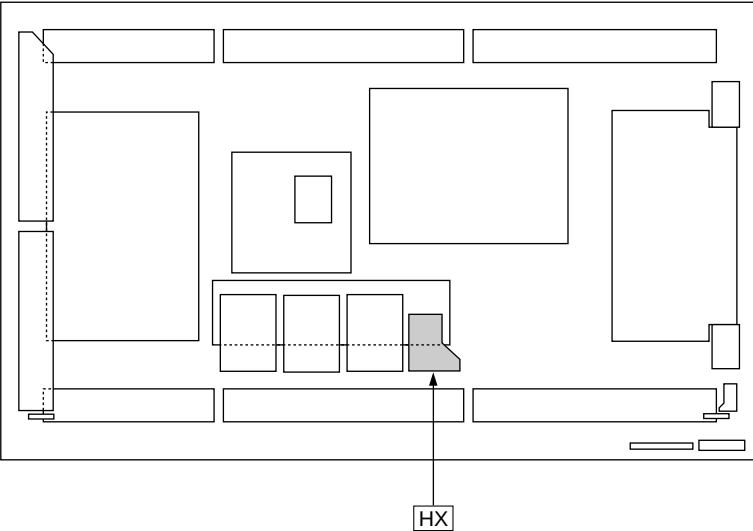
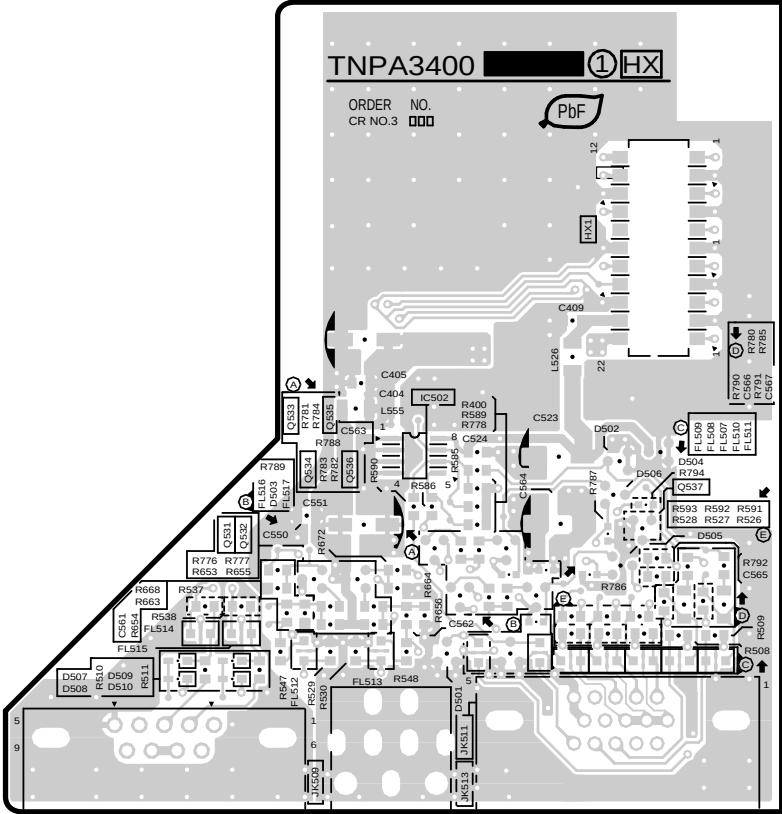
HB-BOARD (FOIL SIDE)
TNPA2844AB



HX-BOARD(FOIL SIDE)
TZTNP030VAS



HX-BOARD(COMPONENT SIDE)
TZTNP030VAS



Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	E-4	Q3531	D-3
		Q3532	D-3
		Q3533	E-3
		Q3534	E-3
		Q3535	E-3
		Q3536	E-3
		Q3537	F-3

6

5

4

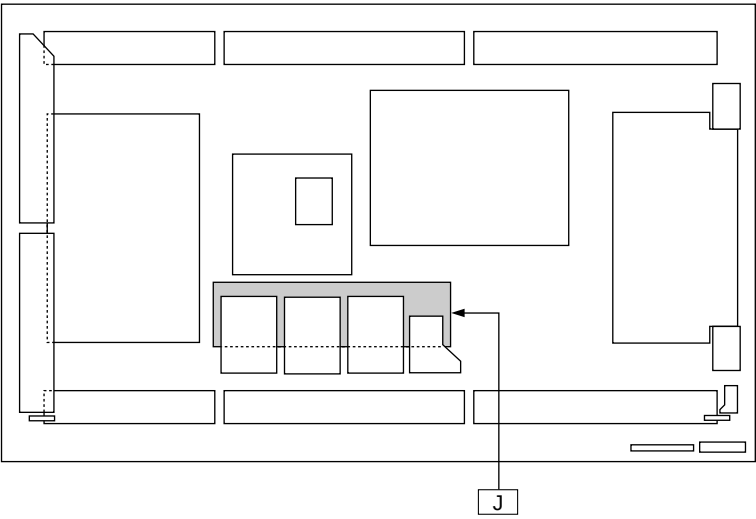
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2

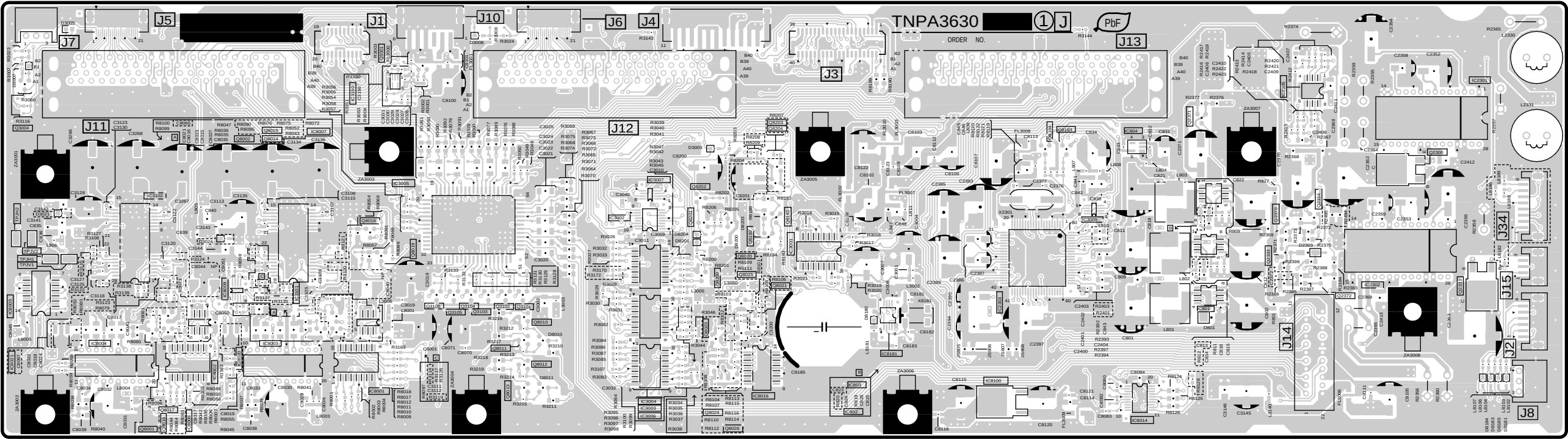
1

Parts Location

J-BOARD (COMPONENT SIDE)							
IC		Q8003		Q3004		Q8024	
IC801	G-2	IC8004	B-2	Q3101	A-3	Q8025	E-2
IC802	E-2	IC8005	A-2	Q3102	D-2	Q8026	E-3
IC803	E-2	IC8007	B-3	Q3103	C-2	Q8181	E-2
IC804	G-3	IC8008	B-2	Q3104	C-2	Q8182	E-3
IC2301	I-4	IC8009	B-3	Q3105	C-2	Q8183	F-3
IC2302	H-3	IC8014	G-2	Q3106	C-2	Q8184	F-3
IC2303	F-2	IC8016	E-2	Q8001	B-2	Q8200	E-3
IC2305	H-4	IC8020	B-2	Q8002	B-3	Q8201	D-3
IC3001	E-3	IC8021	A-2	Q8010	D-2	Q8202	E-3
IC3002	D-3	IC8100	F-2	Q8011	C-2	Q8203	E-3
IC3003	D-2	IC8181	F-2	Q8012	D-2	Q8204	E-3
IC3004	D-2	TRANSISTOR		Q8013	C-2	TP	
IC3005	C-3	Q2300	H-3	Q8014	B-3	TPJH1	A-3
IC3006	D-2	Q2331	I-2	Q8015	B-3	TPJH2	A-3
IC3007	D-3	Q2333	H-3	Q8016	B-2	TPJV1	A-3
IC3008	G-3	Q2334	H-3	Q8017	B-2	TPJV2	A-3
IC3101	B-3	Q2370	H-3	Q8018	C-3		
IC3102	B-3	Q2371	G-2	Q8019	C-3		
IC3150	C-4	Q2372	H-2	Q8020	E-3		
IC8001	C-2	Q3001	C-4	Q8021	E-3		
IC8002	B-2			Q8023	E-2		



J-BOARD (COMPONENT SIDE)
TNPA3630AB



6

5

4

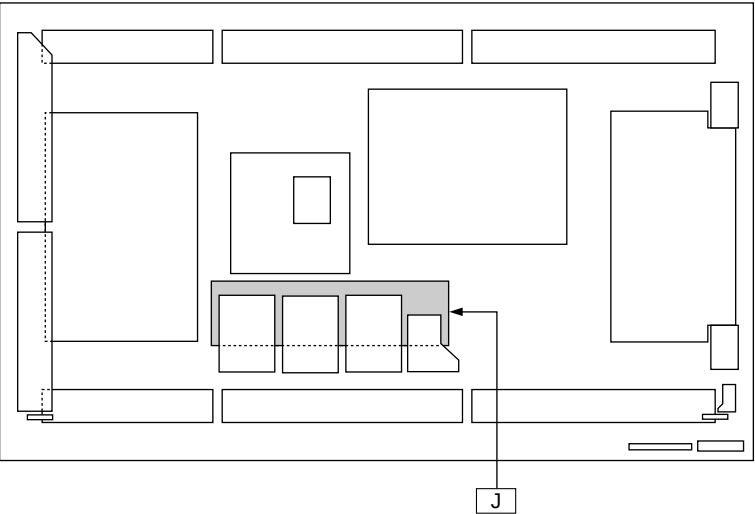
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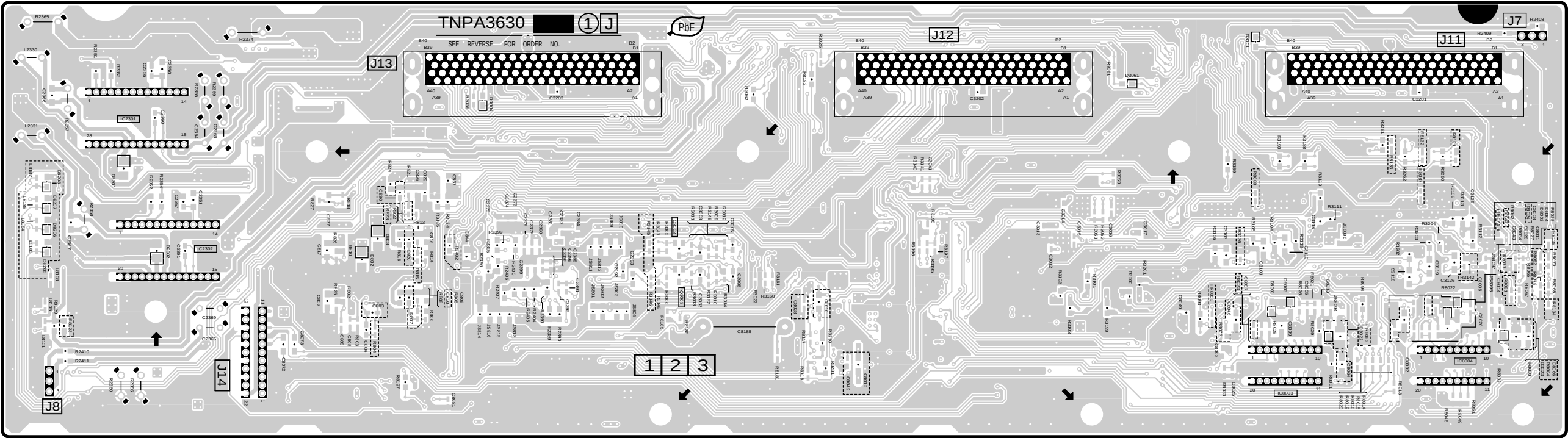
1

Parts Location

J-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC2301	A-3	Q3002	D-3
IC2302	B-3	Q3003	D-2
IC8003	H-2		
IC8004	I-2		



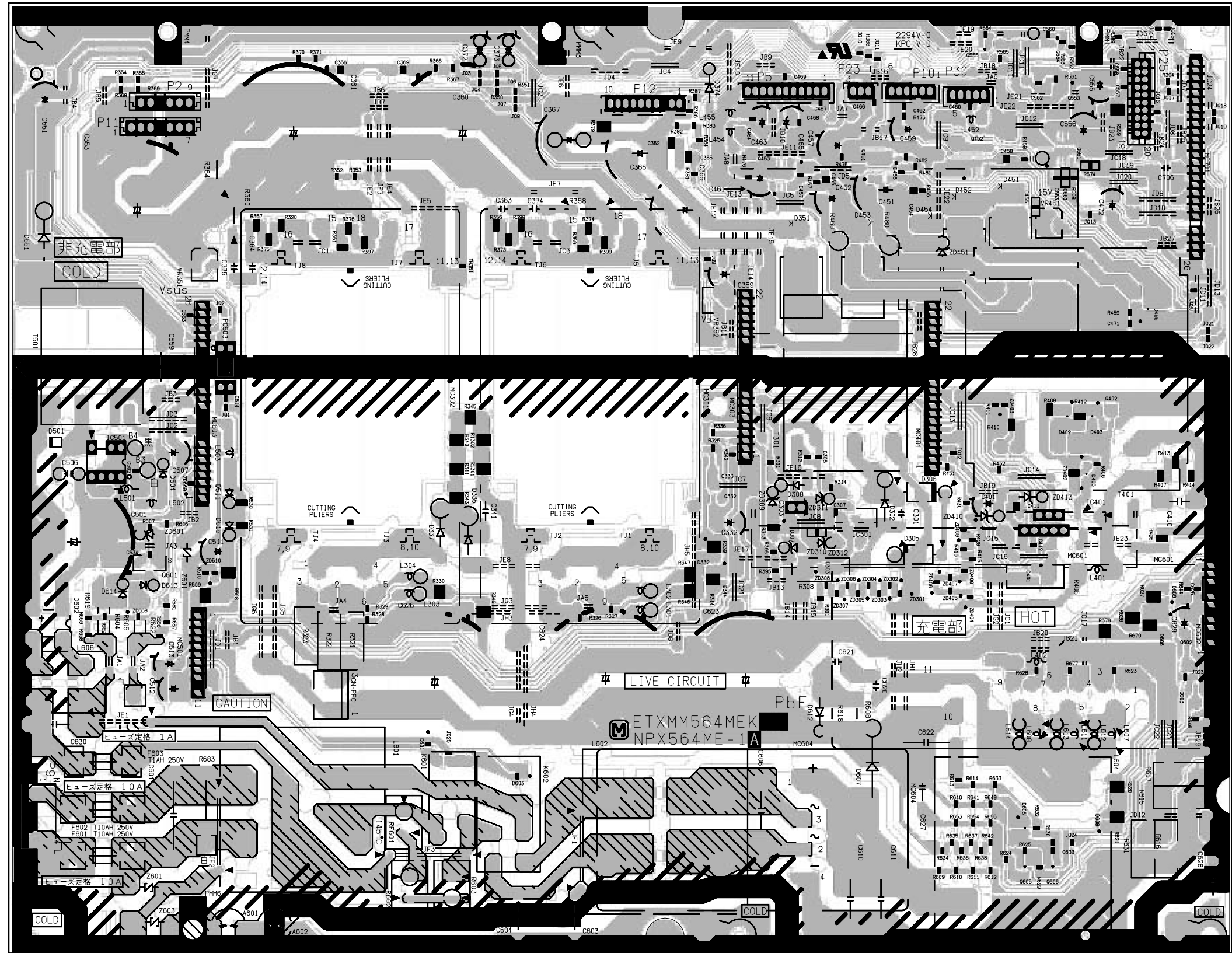
J-BOARD (FOIL SIDE)
TNPA3630AB

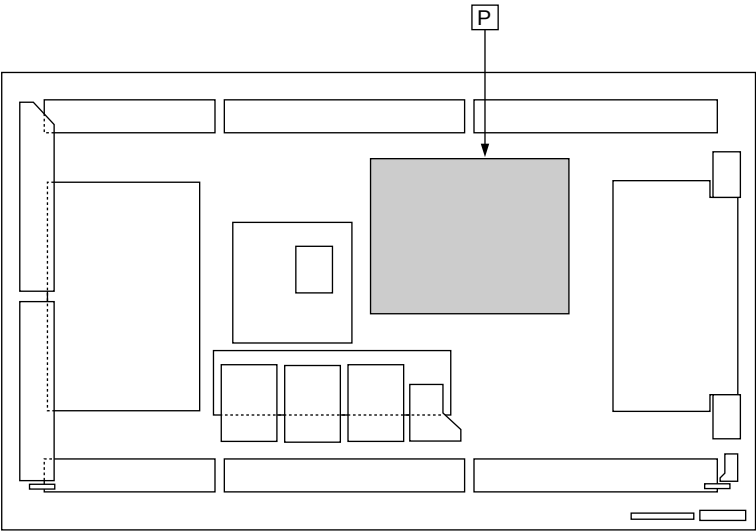


A vertical axis with tick marks and labels 1, 2, 3, 4, 5, 6.



P-BOARD (FOIL SIDE)
ETXMM564MEK





Parts Location

P-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC301	F-3	Q332	E-3
IC401	G-3	Q333	E-3
IC501	B-3	Q402	H-4
MC301	E-4	Q451	F-5
MC302	C-4	Q452	G-5
MC303	F-4	Q453	F-5
MC401	G-4	Q551	G-5
MC501	B-2	Q553	G-6
MC601	G-2	Q554	G-6
MC602	G-2	Q555	G-6
MC603	B-4	Q601	B-3
MC604	F-1	Q602	H-3
MC701	H-5	Q603	H-2
		Q605	G-1
		Q606	G-1

Parts Location

P-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC301	D-3	Q601	H-3
IC401	C-3		
IC501	H-3		
MC301	E-4		
MC302	G-4		
MC303	D-4		
MC401	C-4		
MC501	G-2		
MC601	C-2		
MC602	C-2		
MC603	G-4		
MC604	D-1		
MC701	B-5		

6

5

4

3

2

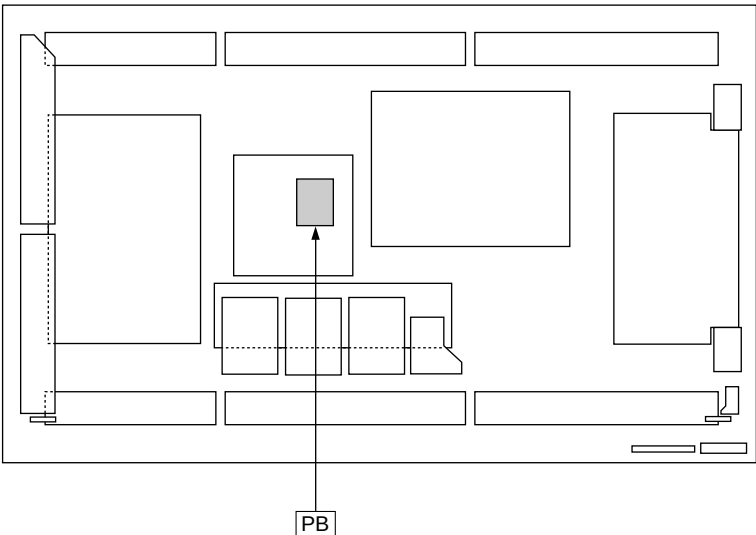
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Parts Location

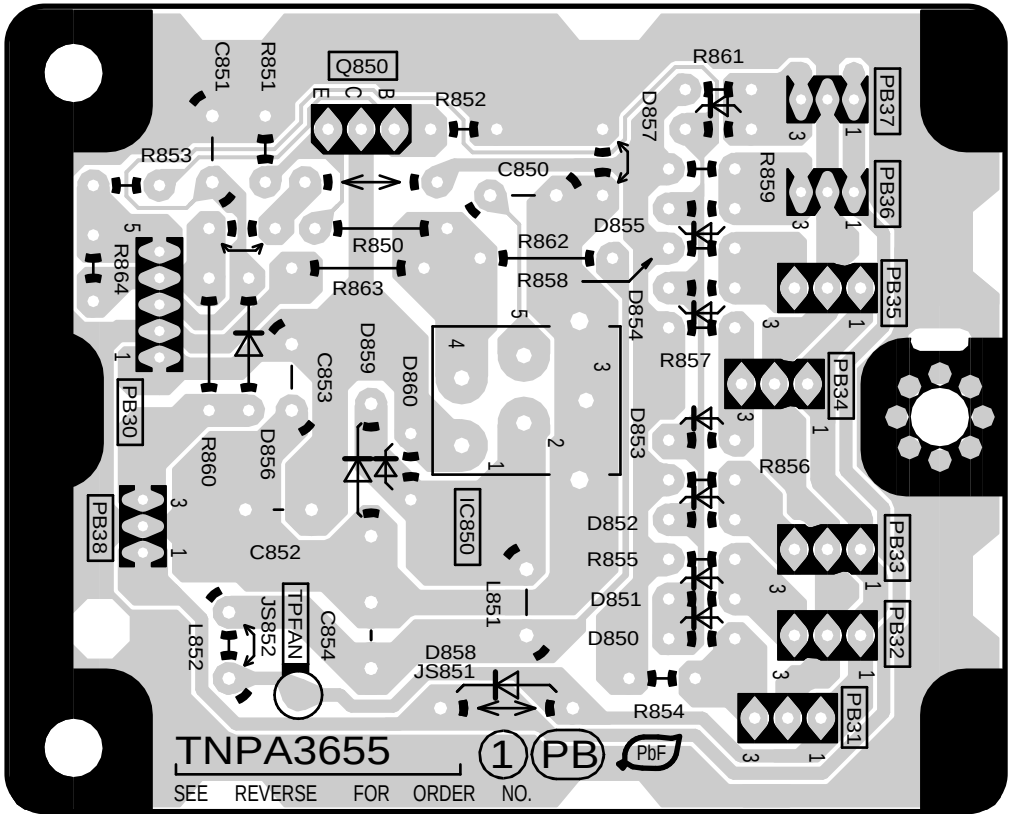
PB-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC850	C-2	Q850	B-3
		TP	
		TPFAN	B-2

Parts Location

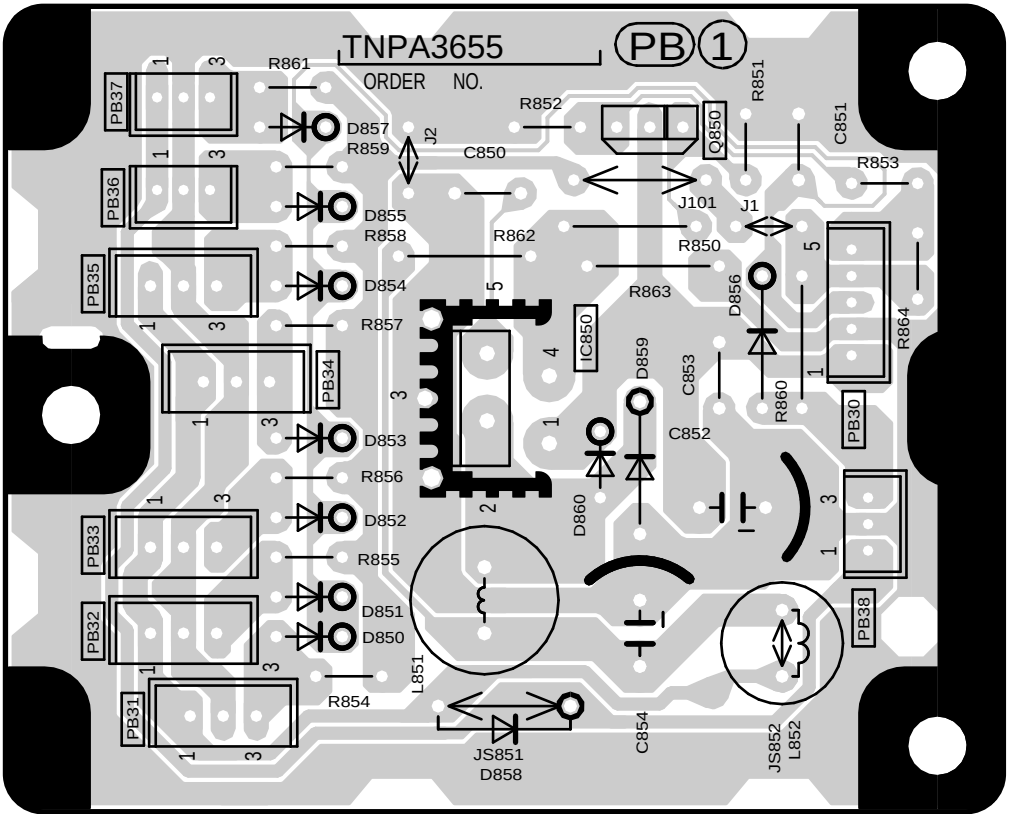
PB-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC850	G-3	Q850	G-3



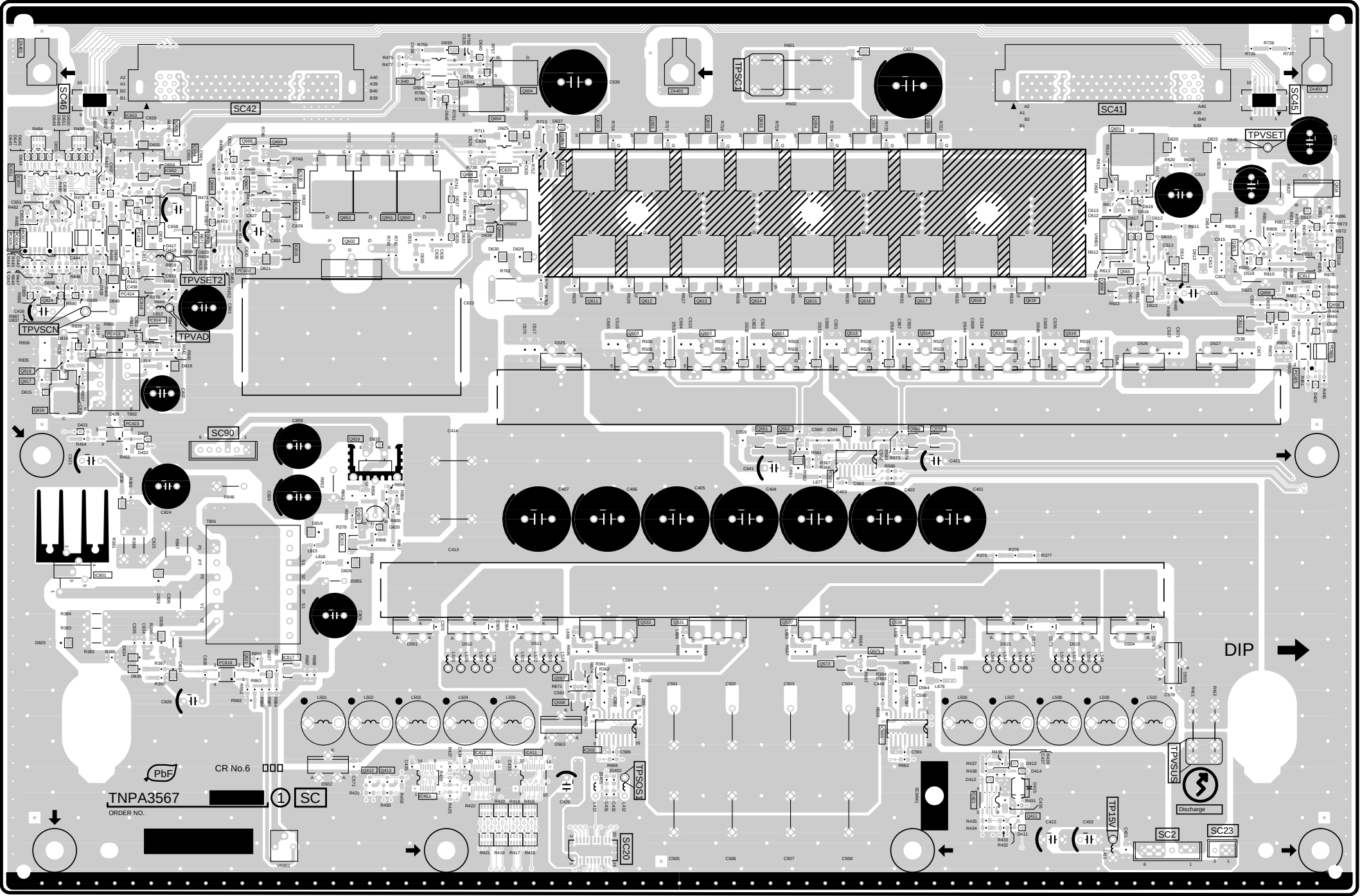
PB-BOARD (FOIL SIDE)
TNPA3655



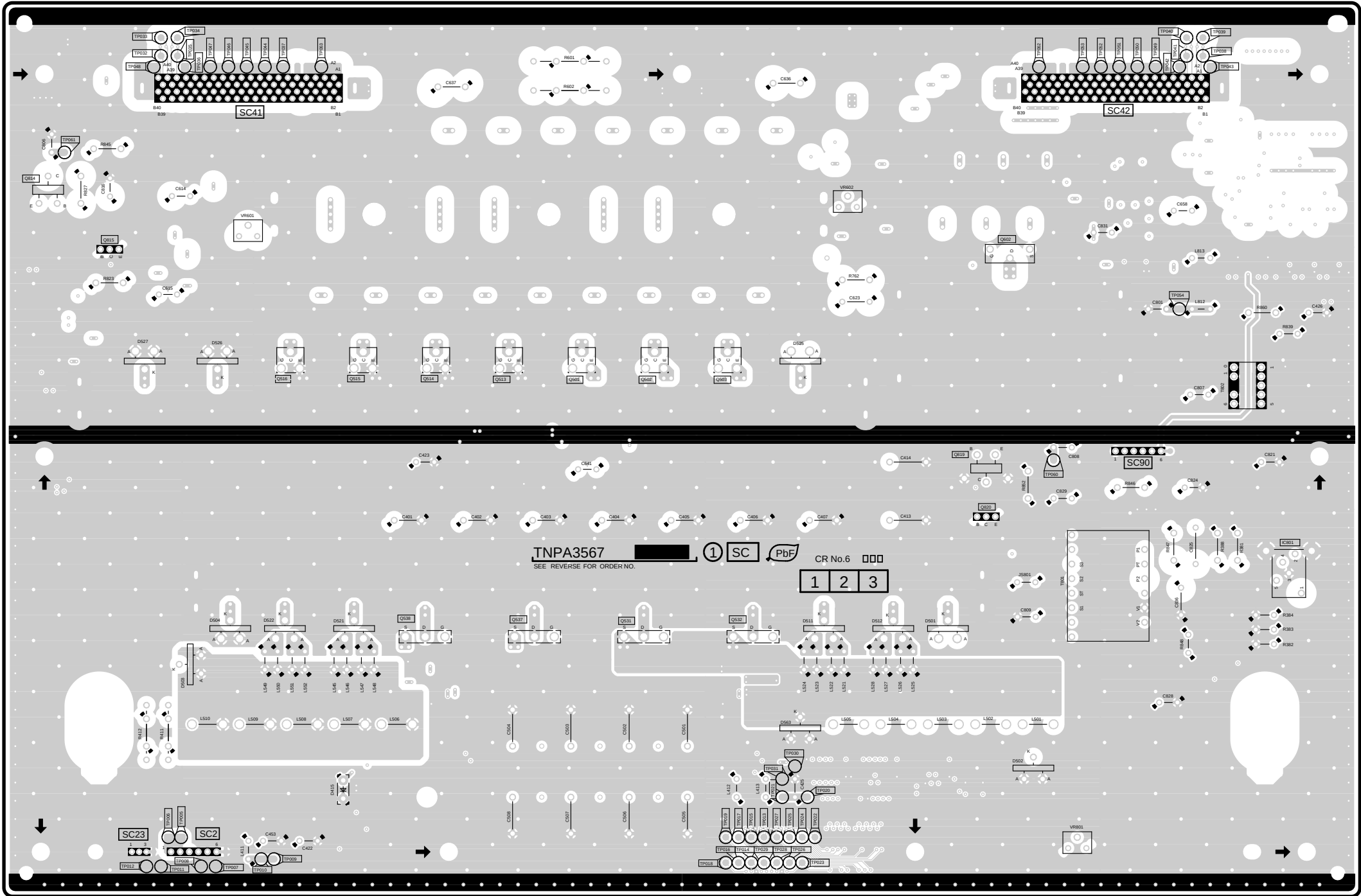
PB-BOARD (COMPONENT SIDE)
TNPA3655

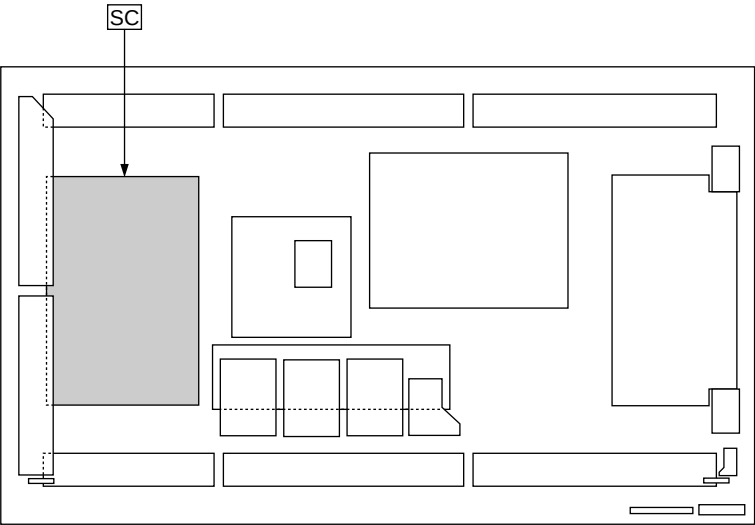


SC-BBOARD (COMPONENT SIDE)
TNPA3567



SC-BOARD (FOIL SIDE)
TNPA3567





Parts Location

SC-BOARD (FOIL SIDE)					
IC		TP		TP6029	E-1
IC6801	H-3	TP4038	G-5	TP6030	E-2
TRANSISTOR		TP4039	G-5	TP6031	E-2
Q6501	D-4	TP4043	G-5	TP6032	B-5
Q6502	D-4	TP6005	B-1	TP6033	B-5
Q6503	E-4	TP6006	B-1	TP6034	B-5
Q6513	D-4	TP6007	B-1	TP6035	B-5
Q6514	C-4	TP6008	B-1	TP6036	B-5
Q6515	C-4	TP6009	B-1	TP6037	B-5
Q6516	B-4	TP6010	B-1	TP6040	G-5
Q6531	D-2	TP6011	B-1	TP6041	G-5
Q6532	E-2	TP6012	B-1	TP6042	G-5
Q6537	D-2	TP6013	E-1	TP6044	B-5
Q6538	C-2	TP6014	E-1	TP6045	B-5
Q6602	F-4	TP6015	E-1	TP6046	B-5
Q6814	A-5	TP6016	E-1	TP6047	B-5
Q6815	B-4	TP6017	E-1	TP6048	B-5
Q6819	F-3	TP6018	E-1	TP6049	G-5
Q6820	F-3	TP6019	E-1	TP6050	G-5
		TP6020	E-1	TP6051	G-5
		TP6021	E-1	TP6052	G-5
		TP6022	E-1	TP6053	G-5
		TP6023	E-1	TP6054	G-4
		TP6024	E-1	TP6060	F-3
		TP6025	E-1	TP6061	A-5
		TP6026	E-1	TP6062	F-5
		TP6027	E-1	TP6063	C-5
		TP6028	E-1		

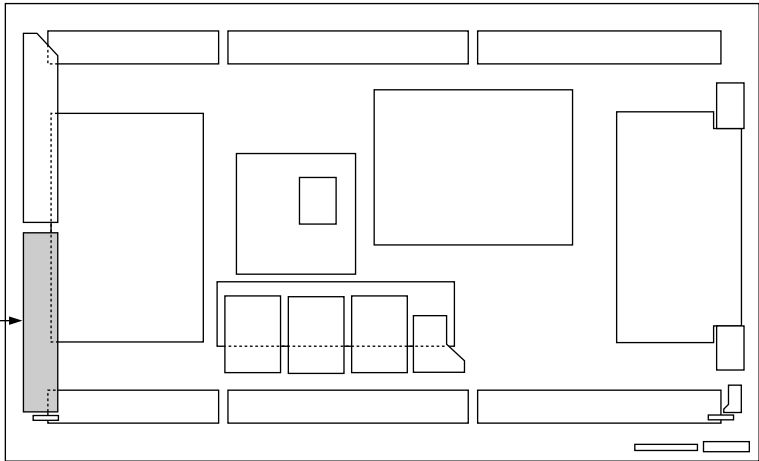
Parts Location

SC-BOARD (COMPONENT SIDE)							
IC		TRANSISTOR		Q6614	E-4	Q6670	B-5
IC6411	D-2	Q6411	F-1	Q6615	E-4	Q6689	B-5
IC6412	C-2	Q6412	C-2	Q6616	E-4	Q6814	H-5
IC6413	C-2	Q6413	C-2	Q6617	F-4	Q6815	G-4
IC6421	F-1	Q6501	E-4	Q6618	F-4	Q6816	A-4
IC6501	E-3	Q6502	E-4	Q6619	F-4	Q6817	A-4
IC6502	D-2	Q6503	D-4	Q6630	D-5	Q6818	A-4
IC6603	F-2	Q6513	E-4	Q6631	D-5	Q6819	C-3
IC6610	G-4	Q6514	F-4	Q6632	E-5	Q6820	C-3
IC6611	G-4	Q6515	F-4	Q6633	E-5	Q6821	B-2
IC6620	D-5	Q6516	F-4	Q6634	E-5	Q6822	B-5
IC6640	C-5	Q6531	E-2	Q6635	E-5	Q6823	B-5
IC6650	A-5	Q6532	D-2	Q6636	F-5	Q6824	A-4
IC6651	A-5	Q6537	E-2	Q6650	C-5	TP	
IC6652	B-5	Q6538	F-2	Q6651	C-5	TP15V	G-1
IC6653	B-5	Q6551	E-3	Q6652	C-5	TPSC1	E-5
IC6654	B-5	Q6552	E-3	Q6654	C-5	TPSOS1	D-2
IC6801	A-3	Q6559	F-3	Q6655	G-4	TPVAD	B-4
IC6812	H-4	Q6567	D-2	Q6656	G-4	TPVSCN	A-4
IC6814	B-4	Q6568	D-2	Q6658	H-4	TPVSET	G-5
IC6815	C-3	Q6571	E-2	Q6659	H-4	TPVSET2	B-4
IC6817	B-2	Q6572	E-2	Q6660	D-5	TPVSUS	G-2
IC6818	B-4	Q6577	H-4	Q6660	F-3		
		Q6601	G-5	Q6661	D-5		
		Q6602	C-4	Q6664	C-5		
		Q6604	D-5	Q6665	D-4		
		Q6611	D-4	Q6666	B-5		
		Q6612	D-4	Q6667	B-5		
		Q6613	E-4	Q6668	B-5		

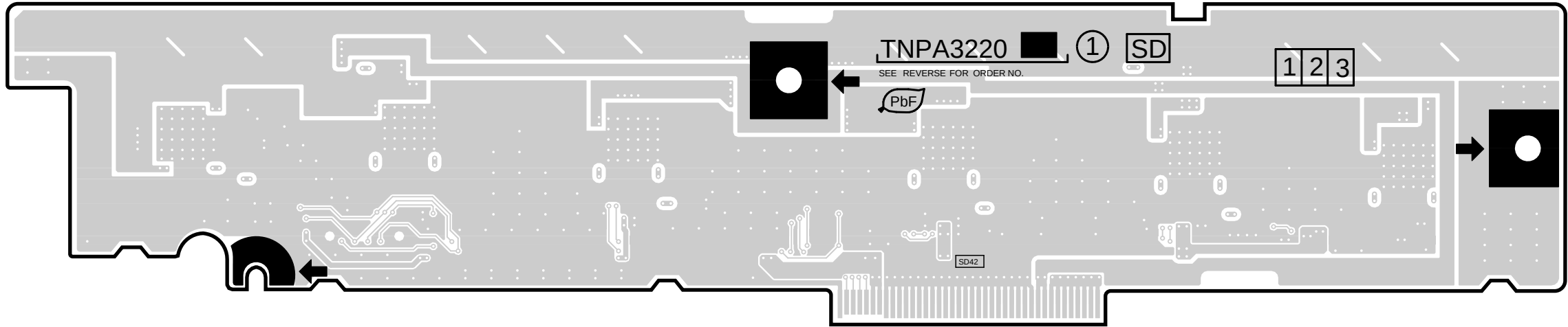
Parts Location

SD-BOARD			
IC		TP	
IC6911	A-2	TPSD1	C-2
IC6912	C-2	TPSD2	F-2
IC6913	D-2		
IC6914	E-2		
IC6915	F-2		
IC6916	H-2		

SD



SD-BOARD(FOIL SIDE)
TNPA3220AB



SD-BOARD(COMPONENT SIDE)
TNPA3220AB

